



National Aeronautics and
Space Administration

Lyndon B. Johnson Space Center

(NASA-CR-160525) WIND TUNNEL TESTS OF THE
0.035 SCALE INTEGRATED SPACE SHUTTLE VEHICLE
MODEL 84-OTS IN THE NASA/LEWIS 10 X 10 FOOT
SUPERSONIC WIND TUNNEL (IH11), VOLUME 3
(Chrysler Corp.) 1024 p

N81-72759

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Unclassified
43443



SPACE SHUTTLE AEROTHERMODYNAMIC DATA REPORT



Data Management Services

HUNTSVILLE ELECTRONICS DIVISION  CHRYSLER
CORPORATION

October 1980

DMS-DR-2428
NASA-CR-160,525

VOLUME 3 of 4

WIND TUNNEL TESTS OF THE 0.035-SCALE INTEGRATED SPACE
SHUTTLE VEHICLE MODEL 84-OTS IN THE NASA/LEWIS
10 X 10-FOOT SUPERSONIC WIND TUNNEL (IH11)

by

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Prepared under NASA Contract Number NAS9-13247

by

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for

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Johnson Space Center
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Houston, Texas

WIND TUNNEL TEST SPECIFICS:

Test Number: NASA-Lewis 10 x 10 SWT Program 045
NASA Series Number: IH11
Model Number: 84-OTS
Test Date: April 27, 1978 through May 10, 1978
Occupancy Hours: 163

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ABSTRACT

Test IH11 was conducted in the NASA-Lewis Research Center 10 x 10-foot supersonic wind tunnel. The objective of the test was to obtain pressure data in the vicinity of protuberances and connecting hardware on the orbiter, external tank and solid rocket booster in order to determine aerodynamic heating rates in these areas. The heating rates obtained during this test will be correlated with thin skin thermocouple model data from previous tests.

Tests were conducted at freestream Mach numbers of 2.5 to 3.5 at simulated altitudes of 64,000 feet to 84,000 feet. Model angle-of-attack was varied from -5° to $+5^{\circ}$ at angles of yaw of 0° and $\pm 5^{\circ}$. A total of forty-eight valid data runs were completed.

Model configuration, instrumentation, test procedures and data processing methods are detailed in this report.

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2	LONGITUDINAL DISTRIBUTION OF SIMULATED HEATING RATIO ON EXTERNAL TANK OT CONFIGURATION	MACH, ALPHA THETA	H		1594-3186
3	LONGITUDINAL DISTRIBUTION OF SIMULATED HEATING RATIO ON EXTERNAL TANK TANK ALONE CONFIGURATION	MACH, ALPHA THETA	H		3187-4778
4	LONGITUDINAL DISTRIBUTION OF SIMULATED HEATING RATIO ON EXTERNAL TANK OTS CONFIGURATION (REPEAT DATA)	MACH, ALPHA THETA	H		4779-6353
15	1 EFFECT OF BETA ON SIMULATED HEATING RATIO -- OTS CONFIGURATION	MACH, ALPHA THETA, X/LREF	E		1-711
	2 EFFECT OF BETA ON SIMULATED HEATING RATIO -- OT CONFIGURATION	MACH, ALPHA THETA, X/LREF	E		712-948
	3 EFFECT OF BETA ON SIMULATED HEATING RATIO -- TANK ALONE	MACH, ALPHA THETA, X/LREF	E		949-5309

Plotted Coefficients Schedule:

- A) PI/P ϕ vs X/L
- B) PI/P ϕ vs X/CW
- C) PI/P ϕ vs X/CV
- D) PI/PU vs BETA
- E) PI/P ϕ vs BETA
- F) PI/P ϕ vs X/LS
- G) (PI/PU)^{0.8} vs BETA
- H) PI/P ϕ vs X/LT

INTRODUCTION

The objective of this wind tunnel test (IH11) was to determine the local heating rates in the vicinity of the protuberances and connecting hardware of the integrated space shuttle vehicle. A total of 631 pressures were measured using scanivalves mounted in the orbiter, external tank and left hand solid rocket booster. The model (84-OTS) is a 0.035-scale representation of the integrated space shuttle vehicle. The model was tested at Mach numbers of 2.5, 3.0 and 3.5. Model angle-of-attack was varied from -5° to $+5^{\circ}$ at angles of yaw of 0, $\pm 5^{\circ}$. The results of these tests are presented in this report.

NOMENCLATURE

<u>SYMBOL</u>	<u>MNEMONIC</u>	<u>DEFINITION</u>
C_{P_i}	CP(I)	pressure coefficient, orifice i
$C_{P_{si}}$	CP(SI)	stagnation pressure coefficient, orifice i
$C_{P_i}/C_{P_{si}}$	CPI/SI	ratio of static to stagnation pressure coefficient, orifice i
P_o	PO	tunnel total pressure, psfa
M_∞	MACH	freestream Mach number
OTS	OTS	mated space shuttle vehicle, orbiter, tank, and SRB
OT	OT	space shuttle orbiter and external tank configuration
P_i	P(I)	pressure, orifice i, psfa
P_i/P	PI/P	ratio of local pressure i to freestream static pressure
P_i/P	P(I)/P	ratio of local pressure i to freestream total pressure
P	P	tunnel static pressure, psfa
q	Q	dynamic pressure, psf
RE/FT	RN/FT, R_e	unit Reynolds number, million per foot
SRB	SRB	solid rocket booster
	STRUT ANGLE	strut angle, deg.
	STRUT HEIGHT	strut height, in.
T	T	temperature, oR .
T_o	TO	tunnel stilling chamber temperature, oR
	RAY	orbiter fuselage radial location

NOMENCLATURE (Concluded)

<u>SYMBOL</u>	<u>MNEMONIC</u>	<u>DEFINITION</u>
X _O	XO	orbiter longitudinal coordinate, inches
X _S	XS	SRB longitudinal coordinate, inches
X _T	XT	ET longitudinal coordinate, inches
X/ ℓ_{ref}	X/LREF	longitudinal position as a fraction of fuselage reference length
Y		lateral coordinate, inches
YAW	YAW	model yaw angle, degrees
Z		vertical coordinate, inches
α	ALPHA	model angle-of-attack, degrees
β	BETA	model angle-of-sideslip, ($\beta = - YAW$), degrees
θ	THETA	radial location of orifice i, deg.
ϕ	PHI	orbiter angular measurement, degrees
ψ		angle of yaw, degrees; or solid rocket booster angular measurement, degrees

SUBSCRIPTS

i	initial condition
0	orbiter
S	SRB
T	ET
∞	freestream condition
o	stagnation condition

REMARKS

The following pressures were not installed on the model: P₃₃, P₃₄, P₃₇₃, P₇₂₅ and P₈₆₂. Table V presents a list of "bad coded" pressure orifices for each run.

Scanivalve number seven in the external tank malfunctioned during the first night's testing (Runs 1 through 3). Repeat data were obtained after the problem was rectified (Runs 12, 11 and 10 respectively). Effected pressures are listed in Table V.

During the second night of testing a flexible cooling water line came off inside the left hand solid rocket booster and flooded the scanivalve compartment. The ensuing damage resulted in the replacement of four of the six pressure transducers in the SRB. During the following nights testing scanivalve number thirteen behaved erratically and had to be "bad coded". Since runs 10, 11 and 12 were repeat runs of 3, 2 and 1 respectively, good data were obtained from scanivalve thirteen at Mach numbers of 2.5 and 3.5 but no valid data were gathered for the Mach 3.0 conditions. A listing of the scanivalve thirteen pressure orifice numbers are given in Table V.

The model angle-of-attack indicator exhibited large zero shifts from run 31 on. Model angle-of-attack was set using strut angle instead of the model mounted inclinometer for runs 31 through 48. Model sting deflection due to load was neglected, but angle-of-attack error should be minimal since the configurations tested during these runs were non-lifting bodies (SRB and external tank alone) and the sting support was relatively stiff.

CONFIGURATIONS INVESTIGATED

The model tested, designated 84-OTS, is a 0.035-scale model of the integrated space shuttle vehicle. The integrated vehicle model consists of the orbiter, external tank, and solid rocket boosters designed to the outer moldline vehicle 5 specifications. All attachments between the orbiter and the external tank and between the external tank and the solid rocket boosters are simulated to scale. The protuberances on all components are simulated as close to scale as practical. The orbiter body flap and rudder are simulated on this model but have no deflection capability. The umbilical cavities and doors are simulated on the orbiter. The elevons are simulated but were not deflected.

During the first run series (Runs 1 through 12) the integrated vehicle configuration was tested. The second run series (Runs 13 through 21) used the orbiter - external tank configuration, while the next series was the orbiter alone (Runs 22 through 30). Next the solid rocket booster alone was tested (Runs 31 through 39). The final series (Runs 40 through 48) involved the external tank alone.

During the orbiter - external tank phase of testing the aft booster - tank struts and braces were removed.

For the booster alone phase of testing the aft nozzle (N113) was not used.

During the tank alone runs the forward orbiter - external tank A-frame was removed. The aft support structure remained on the model during these runs.

CONFIGURATIONS INVESTIGATED (Concluded)

Model nomenclature for this test is as follows:

<u>Symbol</u>	<u>Description</u>
B ₆₄	Orbiter body
C ₁₄	Canopy
E ₆₃	Elevon
F ₁₄	Body flap
M ₁₈	OMS pod
N ₉₂	OMS nozzles
N ₉₄	SSME nozzles
N ₁₁₃	Solid rocket booster nozzle
R ₁₈	Rudder
S ₂₈	Solid rocket booster
T ₄₀	External tank
U ₂	Umbilical doors
V ₂₃	Vertical tail
W ₁₂₉	Wing

Dimensional data for model 84-OTS is presented in Table III.

INSTRUMENTATION

The model was instrumented with 631 steady state pressure orifices located on the orbiter, external tank and left hand solid rocket booster. The pressures were measured using seventeen model mounted S-type scanivalves. The scanivalves were distributed as follows:

Orbiter:	1	scanivalve drive
	3	modules
	110	pressures
External Tank:	2	scanivalve drives
	8	modules
	306	pressures
Left Hand SRB:	1	scanivalve drive
	6	modules
	215	pressures

The scanivalves in the orbiter and in the external tank were mounted in water cooled boxes located in each respective component. The solid rocket booster scanivalve assembly was wrapped in cooling coils but was not enclosed in a box due to lack of room in the model.

Pressure orifice location information is given in Table IVa, b, c, and shown by Figures 2c through 2m.

Model angle-of-attack was measured using an inclinometer mounted in the model. The inclinometer was mounted in the orbiter nose for the first three configurations tested and then either the external tank or the solid rocket booster for the final two configurations. Cooling water was supplied to the inclinometer in all three components.

Two chromel-alumel thermocouples were mounted in each scanivalve cooling box. These temperatures were monitored during the test to

INSTRUMENTATION (Concluded)

assure that the scanivalve transducers were operating within the specified compensated temperature range.

One chromel-alumel thermocouple was mounted in the vicinity of the inclinometer and was monitored during testing.

Model yaw angle was measured using a water cooled linear potentiometer mounted on the actuator cylinder. Control was accomplished using a Moog servocontroller.

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TEST FACILITY DESCRIPTION

The NASA Lewis 10 x 10 foot supersonic wind tunnel is capable of attaining test section flow in the Mach number range from 2.0 to 3.5 in increments of 0.1. The tunnel may be operated in either of two modes: aerodynamic cycle or propulsion cycle.

The floor of the test section can be lowered to the first floor level by means of screwjacks at each corner. Model installation is generally made through the resulting 10.067 m (33 ft. 4-1/8 in.) by 3.048 m (10 ft.) opening. A special model dolly can be used to move the model onto the floor plate. Two 22,700 kg (25 ton) traveling overhead cranes capable of running the length of the building housing the test section are available for model installation. These cranes have 4540 kg (5 ton) auxiliaries.

There are removable top and bottom plates in the test section which are available for installation of small model supports and auxiliary apparatus. The opening may vary up to 6.10 m (20 ft.) long by 1.07 m (3.5 ft.) wide depending upon the selection of insert plates. Model mountings are installed through these openings.

Three pairs of 0.84 m (33 in.) diameter windows are located in the side walls of the test section. Two pairs of these windows are mounted eccentrically in 1.52 m (5 ft.) diameter movable disks. The disks may be rotated to position the windows on a 0.267 m (10.5 in.) radius. The third pair of windows is located in a fixed position downstream of the movable windows.

The strut for sting-mounted models is extended through the tunnel

TEST FACILITY DESCRIPTION (Continued)

floor when in use. The strut has a chord length of 1.22 m (4 ft.) and is 20.32 cm (8 in.) thick, and can be rotated in the vertical plane about a pin located 24.13 cm (9.5 in.) below the test section floor. The angle-of-attack can be remotely varied from -5° to +20°.

A ceiling strut assembly is available. This assembly consists of the strut proper to which the model is attached, and the anchoring structure and angle-of-attack mechanism which are outside the test section.

Strut thickness may vary up to 25.4 cm (10 in.) and the chord length up to 2.13 m (7 ft.). The maximum chord length is determined by the angle-of-attack requirement.

Angle-of-attack of the model is remotely controlled by a screwjack mechanism which rotates the strut around a 7.62 cm (3 in.) diameter pin located 17.78 cm (7 in.) above the inside surface of the tunnel top plate. The angle-of-attack range is determined by model size and strut attachment details. Electrical wiring from the strut is connected to terminal panels on top of the test section. Pressure tubing is connected to scanivalves located on top of the test section.

An auxiliary strut is provided to hold a nozzle plug-actuating mechanism or tail rake when a suspended model is used. The strut is designed to rotate about the ceiling strut center of rotation at a radius of 3.73 m (12 ft. 3 in.).

All electrical and pressure connections on top of the test section

TEST FACILITY DESCRIPTION (Continued)

are the same as used with the ceiling strut.

A high pressure air storage facility is available with a capacity of 6120 m^3 ($216,000 \text{ ft}^3$) of standard dry air at $1.83 \times 10^7 \text{ N/m}^2$ (2650 psi) for use at the tunnel. Two other air storage facilities are interconnected with it. These are a 4110 m^3 ($145,000 \text{ ft}^3$) system located at the 8×6 wind tunnel and a $17,600 \text{ m}^3$ ($620,000 \text{ ft}^3$) system located at the 9×15 test section. The three facilities together provide a total capacity of $27,800 \text{ m}^3$ ($981,000 \text{ ft}^3$) of standard dry air for use at the 10×10 wind tunnel. They are charged by a pump having a capacity of $0.24 \text{ m}^3/\text{sec}$ ($500 \text{ ft}^3/\text{min}$) of standard air. Total charging time from $2.76 \times 10^6 \text{ N/m}^2$ (400 psi) to $1.83 \times 10^7 \text{ N/m}^2$ (2650 psi) is approximately 28 hours for the combined systems. A variable pressure air supply system with a capacity of 45.4 kg/sec (100 lb/sec) is available at pressures up to $1.03 \times 10^6 \text{ N/m}^2$ (150 psi). A service air system with a capacity of 0.91 kg/sec (2 lb/sec) continuous service is available at $8.62 \times 10^5 \text{ N/m}^2$ (125 psi).

A hydraulic system is available for actuation or positioning of a model and/or its components. This system consists of three pumps each rated at $1.26 \times 10^{-3} \text{ m}^3/\text{sec}$ (20 gal/min). The pumps are connected in parallel and may be used in any combination. The maximum capacity of the system is $3.79 \times 10^{-3} \text{ m}^3/\text{sec}$ (60 gal/min) at $2.07 \times 10^7 \text{ N/m}^2$ (3000 psi).

The liquid fuel system is made of stainless steel and has a total flow capacity of $4.42 \times 10^{-3} \text{ m}^3/\text{sec}$ (70 gal/min) at $2.76 \times 10^5 \text{ N/m}^2$ (40 psi). The maximum pressure available is $6.55 \times 10^6 \text{ N/m}^2$ (950 psi) at

TEST FACILITY DESCRIPTION (Concluded)

a flow of $1.89 \times 10^{-3} \text{ m}^3/\text{sec.}$

Further facility details are presented in Reference 1.

TEST PROCEDURES

Installation

The model was supported using the NASA Lewis sting strut system through the tunnel floor. A remotely actuated hydraulic servocontrolled yaw mechanism was utilized so that both pitch and yaw could be varied from the control room. For integrated testing the model components were supported using a multiple sting arrangement. Figures 3a through 3e show installation details and general model configurations. All pressure lines, water cooling lines, and instrumentation cables were routed along the outside of the sting to a terminal panel in the top of the strut. Water cooling was provided for each scanivalve assembly, the model angle-of-attack indicator and the model yaw potentiometer. Thermocouples were attached to the scanivalves and angle-of-attack transmitter. Specific details of the installation are presented in Reference 2.

Calibrations

The scanivalve transducers were calibrated with each data point by supplying two known pressures to the valve and calculating a sensitivity from the outputs. The slopes were tabulated on-line for each data point so that transducer "health" could be monitored continuously. Model angle-of-attack was calibrated daily using a clinometer on leveling plates which could be mounted on the models. Strut height was varied with angle-of-attack in an effort to keep the model in a relatively constant position in the tunnel. Model yaw was calibrated using a plumb bob dropped from the external tank spike nose to the tunnel floor.

TEST PROCEDURES (Continued)

Operating Procedures

The operating procedure for this test was to pump the tunnel down to 1500 pounds per square foot and take a data call to determine if any pressures were plugged. Once this was accomplished pumping was continued to 300 pounds per square foot where the tunnel drive was synchronized to pass the starting shock over the model at low Reynold's number. Once started, the tunnel conditions were varied until the desired Mach number, total pressure and temperature were obtained. Three pitch runs were made at each Mach number, at angles of yaw of 0° and $\pm 5^\circ$. During each of these runs the model was pitched to angles-of-attack of -5° , 0° , and $+5^\circ$. Runs were conducted on each configuration at Mach numbers of 2.5, 3.0 and 3.5. After a running shift was completed, the total pressure was again dropped to 300 pounds per square foot to pass the shock and unstart the tunnel. A post run data call was taken at 1500 pounds per square foot to recheck plugged pressure ports.

Data Acquisition

Steady state pressure data acquired during data calls were recorded by the CADDE II system. The CADDE system is a low speed voltage scanner/digitizer designed to convert steady state direct current signals to digital numbers at a rate of twenty-five samples per second. The raw data is recorded on digital magnetic tape and certain parameters may be displayed in the control room on a flexowriter. A limited amount of processed data may be displayed in the control room in the form of

TEST PROCEDURES (Concluded)

tabulated and plotted data.

During the integrated phase of testing two data calls were recorded at each test point because the CADDE II system has a 500 word capacity and the amount of data to be collected exceeded this limit. Program and patchboard switching were accomplished in the control room between data calls. This limit was not exceeded for any of the other configurations and one data call per test point was sufficient. Two scanivalve stepping rates were available for each configuration. The faster of the two rates, approximately four ports per second, was used for the majority of testing. A limited number of data calls were taken at the slower rate, approximately two ports per second, to determine if the faster scan rate allowed the scanivalves to stabilize.

DATA REDUCTION

Tunnel test conditions were reduced according to NASA/Lewis Research Center methods and presented in engineering units. They include:

Freestream Mach number, dimensionless

Stagnation pressure, psfa

Static pressure, psfa

Dynamic pressure, psf

Static Temperature, °R

Reynold's number, per ft $\times 10^{-6}$

Model angle-of-attack was computed using a polynomial curve fit of data from in-tunnel calibrations. Model yaw angle was computed from polynomial curve fits of in-tunnel calibration data. Strut height and strut angle were also computed using NASA/Lewis supplied curve fits.

Model pressures were measured utilizing scanivalves mounted in each instrumented component. The scanivalves were calibrated with every data call by supplying two known pressures to each valve and calculating sensitivities from the outputs. The following parameters were calculated from the scanivalve transducer data:

P_i = pressure i, psfa

P_i/P = ratio of pressure i to static pressure

P_i/P_o = ratio of pressure i to stagnation pressure

$$C_{P_i} = \frac{P_i - P}{q_0}$$

DATA REDUCTION (Concluded)

where P_i = pressure i, psfa

P = static pressure, psfa

q_o = dynamic pressure, psf

$$C_{P_{si}} = \frac{P_i - P_o}{q_o}$$

where P_i = pressure i, psfa

P_o = stagnation pressure, psfa

q_o = dynamic pressure, psf

$C_{P_i}/C_{P_{si}}$ = ratio of static to stagnation pressure coefficients

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REFERENCES

1. NASA TMX-71625, "NASA Technical Memorandum, NASA/Lewis 10 x 10-Foot Supersonic Wind Tunnel," dated November, 1974.
2. SD78-SH-0052, "Pretest Information for Tests of the 0.035-Scale Space Shuttle Vehicle Model 84-OTS in the NASA/Lewis Research Center 10 x 10 Supersonic Wind Tunnel (Test IH11)," dated February, 1978.

TABLE I.

TEST : IH11

DATE : 5-10-78

TEST CONDITIONS

BALANCE UTILIZED: _____

CAPACITY: **ACCURACY:** **COEFFICIENT
TOLERANCE:**

NF _____

SF _____

AF _____

PM _____

RM _____

YM _____

COMMENTS:

TABLE II

TEST : IMA II		DATA SET/RUN NUMBER COLLATION SUMMARY																			
		DATE : 6/13/78																			
DATA SET IDENTIFIER	CONFIGURATION	SCHD.		TEST RUN NUMBERS			MACH NUMBERS			TEST RUN NUMBERS			MACH NUMBERS			TEST RUN NUMBERS			MACH NUMBERS		
		α	β	2.5	3.0	3.5	3	9	6	10	16	15	20	17	14	19	18	13	21	16	15
RGL*01	OTS	A	-5																		
~02	~	T	0																		
03			5																		
04			-5																		
05			0																		
06			5																		
07	OT	T	-5																		
08	~	0	0																		
09	~	T	5																		
10	0	T	-5																		
11	~	~	0																		
12	~	T	5																		
13	T	T	-5																		
14	T	0	0																		
15	~	~	5																		
16	5	~	-5																		
17	~	~	0																		
18	~	T	5																		
			7	13	19	25	31	37	43	49	55	61	67	75	76						

α OR β
SCHEMES

A) -5°, 0°, 5°

* SEE KEY FOR COMPONENT
IDENTIFICATION

DOVAR (1) DOVAR (2) NDV

TABLE II (Concluded)

DATA SET/RUN NUMBER COLLATION SUMMARY
COMPONENT IDENTIFICATION KEY

DATA SET IDENTIFIER <u>4TH CHARACTER</u>	<u>COMPONENT</u>
B	Orbiter Fuselage
L	Orbiter Lower Wing
U	Orbiter Upper Wing
V	Orbiter Vertical Tail
Ø	Orbiter ØMS Pod
R	Orbiter Forward RCS
P	Total Pressure Rake
A	ET Attach Hardware
T	External Tank (ET)
C	ET Cable Tray Fairing
D	ET LO2 Bracket
E	ET LH2 Bracket
F	ET LO2 Feedline Fairing
G	ET LO2 Feedline Bracket
H	ET LO2 Antigeyser Fairing
I	ET Aft Electrical Conduit Fairing
J	ET LO2 Pressure Line Bracket
S	Solid Rocket Booster, Left (SRB)
K	SRB Forward Separation Motor
Q	SRB Protuberances
M	SRB Aft Separation Motor
N	SRB Attach Hardware

TABLE III. MODEL DIMENSIONAL DATA

MODEL COMPONENT: BODY - B64

GENERAL DESCRIPTION: The body is to the baseline definition space shuttle vehicle configuration 5, MCR 200, Rev. 7 dated 10/17/74.

MODEL SCALE: 0.035

DRAWING NUMBER: VC70-000002, #MDV-70 Baseline IML

DIMENSIONS:	<u>FULL SCALE</u>	<u>MODEL SCALE</u>
Ref. length: OML $X_0 = 238-1528.3$, In.	1290.3	45.161
Length (IML $X_0 = 239.5$), In.	1288.8	45.108
OML Max. Width, In. $X_0 = 1516.801$	262.718	9.195
IML Max. Width, In. $X_0 = 1516.301$	260.718	9.125
OML Max. Depth, In. $X_0 = 1463.316$	248.575	8.700
IML Max. Depth, In. $X_0 = 1463.316$	246.575	8.630
OML Fineness Ratio	5.191	5.191
IML Fineness Ratio	5.1525	5.5125
Area - Ft^2		
Max. Cross-Sectional @ $X_0 = 1463.316$	340.82	0.418

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: CANOPY - C14

GENERAL DESCRIPTION: The canopy is that part of the forward fuselage which covers the crew module. Vehicle 5 Configuration, MCR 200, Rev. 7.

MODEL SCALE: 0.035

DRAWING NUMBER: VL70-000140C, VC70-000002, MDV-70

DIMENSIONS:	<u>FULL SCALE</u>	<u>MODEL SCALE</u>
Length ($X_0 = 435.196$ to 670.0)	234.80	8.218
Max. Width @ $X_0 = 594.0$	195.58	6.845

Windshield Panes:

$$0.7012 X_0 - .2552 Y_0 - .6656 Z_0 - 6.1789 = 0$$

$$0.5710 X_0 - .5641 Y_0 - .5965 Z_0 + 32.7354 = 0$$

$$0.2636 X_0 - .7564 Y_0 - .5965 Z_0 + 189.4094 = 0$$

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: ELEVON - E63

GENERAL DESCRIPTION: Elevon for Configuration 5, hingeline at $X_0 = 1387$, elevon split line, $Y_0 = 312.5$, 6.0" gaps beveled edges, and centerbodies "OML" used on W129. Ref. MCR 200, Rev. 7, dated 10-17-74.

MODEL SCALE: 0.035

DRAWING NUMBER: VC70-000002A

DIMENSIONS:	FULL SCALE	MODEL SCALE
Area used for C_{He} computation	210.0	0.257
Area - Ft^2	206.57	0.253
Span (equivalent), in.	346.44	12.125
Inb'd equivalent chord, in.	116.50	4.078
Outb'd equivalent chord, in.	55.219	1.933
Ratio movable surface chord/ total surface chord		
At inb'd equiv. chord	0.2137	0.2137
At outb'd equiv. chord	0.3999	0.3999
Sweep Back Angles, degrees		
Leading Edge	0.00	0.00
Trailing Edge	- 10.056	- 10.056
Hingeline	0.00	0.00
Area Moment (Area X MAC), Ft.^3	1540.74	0.066
Mean Aerodynamic chord, In.	89.50	3.133

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: BODY FLAP (OUTER MOLD LINES) - F₁₄GENERAL DESCRIPTION: Orbiter body flap vehicle 5 Configuration, MCR
200, Rev. 7. "OML" to be used with B64. Hingeline X₀ 1532.0 Y₀ = -1280.

MODEL SCALE: 0.035

DRAWING NUMBER: VC70-000002, MDV-70

DIMENSIONS:	<u>FULL SCALE</u>	<u>MODEL SCALE</u>
Area, Ft ²	134.125	0.164
Span (equivalent), In.	238.00	8.330
Inb'd equivalent chord, In.	81.00	2.835
Outb'd equivalent chord, In.	81.00	2.835
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord		
At Outb'd equiv. chord		
Sweep Back Angles, degrees		
Leading Edge	0.0	0.0
Trailing Edge	0.0	0.0
Hingeline	0.0	0.0
Area Moment (Product of \bar{c} & Area), Ft ³	905.344	0.039
Mean Aerodynamic Chord, In.	81.0	2.835

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: OMS PODS (OML) - M₁₈
 GENERAL DESCRIPTION: Vehicle 5 Configuration MCR 200, Rev. 7, orbiter
 OMS pod - short pod.

MODEL SCALE: 0.035

DRAWING NUMBER: VC70-000002, VL70-008410, MDV-70

DIMENSIONS:	<u>FULL SCALE</u>	<u>MODEL SCALE</u>
Length, In. (X ₀ 1311 to 1511)	200.00	7.00
Max. Width, In. (X _p 304, X ₀ 1511)	135.75	4.751
Max. Depth, In. (X _p 304, X ₀ 1511)	74.50	2.608
Fineness Ratio	1.937	1.937
Area - Ft ²		
Max. Cross-Sectional @ X _p 304	58.169	0.071

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: CMS NOZZLES - N₉₂

GENERAL DESCRIPTION: The two orbiter maneuvering system nozzles are laval-bell shaped and are located at the aft end of the CMS pod. CMS nozzles in stowed position are outboard 9° and down 7° from null position.

MODEL SCALE: 0.035

DRAWING NUMBER: VC70-000002, SS-A01240

DIMENSIONS:	<u>FULL SCALE</u>	<u>MODEL SCALE</u>
MACH NO.		
Length - In. Gimbal Point to Exit Plane	56.00	1.960
Diameter - In. Exit	50.00	1.750
Throat	27.778	0.972
Area - Ft ² Exit	13.634	0.0167
Throat	4.205	0.005
Gimbal Point (Station) - In. Left Nozzle		
X ₀	1518.00	53.130
Y ₀	- 88.00	- 3.080
Z ₀	492.00	17.220
Right Nozzle		
X ₀	1518.00	53.130
Y ₀	+ 88.0	+ 3.080
Z ₀	492.0	17.220
Null Position - Deg. Left Nozzle		
Pitch	15°49' Up	15°49' Up
Yaw	6°30' Outb'd	6°30' Outb'd
Right Nozzle		
Pitch	15°49' Up	15°49' Up
Yaw	6°30' Outb'd	6°30' Outb'd

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: MPS NOZZLES - No4

GENERAL DESCRIPTION: The main propulsion nozzles are laval-bell shaped and are located on the aft planes of the orbiter. The dimensions are external and not to be scaled for plume tests.

MODEL SCALE: 0.035

DRAWING NUMBER: VC70-000002, VL70-008144, RS09189, SS-A01216

DIMENSIONS:	<u>FULL SCALE</u>	<u>MODEL SCALE</u>
MACH NO.		
Length - In.		
Gimbal Point to Exit Plane	156.69	5.484
Diameter - In.		
Exit (O.D.)	93.75	3.281
Area - Ft ²		
Exit	1445.00	1.770
Gimbal Point (Station) - In.		
Upper Nozzle		
X _o	1445.00	50.575
Y _o	0.00	0.00
Z _o	443.00	15.505
Lower Nozzles		
X _o	1468.170	51.386
Y _o	+ 53.00	+ 1.855
Z _o	34.264	1.199
Null Position - Deg.		
Upper Nozzle		
Pitch	16° Up	16° Up
Yaw	0.0	0.0
Lower Nozzle		
Pitch	10.0 Up	10.0 Up
Yaw	3.5 Outb'd	3.5 Outb'd

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: SOLID ROCKET BOOSTER NOZZLES - N113

GENERAL DESCRIPTION: SRB nozzle used with S28

MODEL SCALE: 0.035

DRAWING NUMBER: VC77-000002D

DIMENSIONS:	<u>FULL SCALE</u>	<u>MODEL SCALE</u>
Diameter, D_{ox} - In. (I.D.)	145.64	5.097
Diameter, D_{ox} - In. (O.D.)	147.64	5.167
Diameter, D_T - In.	-	-
Diameter, D_{in} - In.	-	-
Area - Ft^2	115.688	0.1417
Gimbal Center Coordinates:		
Left Nozzle		
X_B - cold	1863.458	65.221
X_B - hot	1875.358	65.637
Y_0	- 250.50	- 8.767
Z_T	400.0	14.00
Right Nozzle		
X_B - cold	1863.458	65.221
X_B - hot	1875.358	65.637
Y_0	250.50	8.767
Z_T	400.0	14.00
Null Position - Deg.		
Left Nozzle	0	0
Right Nozzle	0	0

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: RUDDER - R₁₈

GENERAL DESCRIPTION: The rudder is a secondary movable airfoil at the trailing edge of the vertical fin that imparts yaw forces. This dimensional data was calculated from the OML master dimensions 7/19/74.

MODEL SCALE: 0.035

DRAWING NUMBER: Vehicle 5 configuration, MCR 200 Rev. 7

DIMENSIONS:	FULL SCALE	MODEL SCALE
Ref. Area - Ft ²	106.58	0.131
Area, Ft ²	97.84	0.120
Span (equivalent), In.	198.614	6.951
Inb'd equivalent chord, In.	91.07	3.187
Outb'd equivalent chord, In.	50.80	1.778
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	0.400	0.400
At Outb'd equiv. chord	0.400	0.400
Sweep Back Angles, degrees		
Leading Edge	34.833	34.833
Trailing Edge	26.249	26.249
Hingeline	34.833	34.833
Area Moment (MAC x Area), Ft ³	593.889	0.025
Mean Aerodynamic Chord, In.	72.840	2.549

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: BOOSTER SOLID ROCKET MOTOR - S₂₈

GENERAL DESCRIPTION: The booster solid rocket motor is an external propulsion system which is jettisoned and recoverable after burnout. The boosters can be refurnished and reused after recovery. Protuberances simulated include forward and aft separation motors, forward and aft attach points, cable tray and cable systems tunnel, command destruct antennas, stiffner rings, actuate brackets and skirt tie-down posts.

MODEL SCALE:**DRAWING NUMBER:** VC77-000025

DIMENSIONS:	<u>FULL SCALE</u>	<u>MODEL SCALE</u>
Length	1725.2	60.382
Max. Width, Tank Diameter, In.	145.99	5.110
Max. Depth, Aft Skirt Diameter, In.	208.2	7.29
Fineness Ratio	8.286	8.286
Area		
Max. Cross-Sectional	236.422	.2896
W.P. of BSRM Centerline	400.0	14.000
F.S. of BSRM	735.5	25.742
B.P. of BSRM Centerline	250.5	8.769

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: EXTERNAL TANK - T₄₀

GENERAL DESCRIPTION: External oxygen/hydrogen propellant tank with spike nose. The following protuberances are simulated: Forward electrical conduit, LO₂ pressure, antigeyser and feedlines, cable tray and fairing, LH₂ pressure and feedlines, associated brackets, forward and aft orbiter attachments.

MODEL SCALE:

DRAWING NUMBER: VC78-000002G

DIMENSIONS:

	<u>FULL SCALE</u>	<u>MODEL SCALE</u>
Length	1850.525	64.768
Max. Width, diameter	331.00	11.585
Fineness Ratio	5.590	5.590
Area		
Max. Cross-Sectional	597.56	.7320
W.P. of Tank Centerline	400.00	14.000
F.S. of Tank Nose	322.50	11.287
B.P. of Tank Centerline	0.00	0.00

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: UMBILICAL DOOR - U₂

GENERAL DESCRIPTION: Orbiter/external tank umbilical doors.

Rectangular doors in lower surface of orbiter to accommodate LO₂ and LH₂ feedlines. Data are listed for one of two sides.

MODEL SCALE: 0.035

DRAWING NUMBER:

DIMENSIONS:	<u>FULL SCALE</u>	<u>MODEL SCALE</u>
Length, In. (X ₀ 1311 to X ₀ 1361.5)	50.50	1.768
Width, In. (X ₀ 52.10 to X ₀ 103.09)	50.19	1.757
Planform Area, Ft ²	17.6	0.00215
Forward Hinge, X _T	1315.75	46.051
Aft Hinge, X _T	1356.75	47.486

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: VERTICAL - V₂₃

GENERAL DESCRIPTION: The vertical tail is double wedge shaped and mounted dorsally on the aft fuselage. These data correspond to vehicle 5 configuration, MCR 200, Rev. 7.

MODEL SCALE: 0.035

DRAWING NUMBER: VC70-000002, master dimensions.

DIMENSIONS:	<u>FULL SCALE</u>	<u>MODEL SCALE</u>
TOTAL DATA		
Area (Theo.), ft ²		
Planform	413.253	0.506
Span (Theo.), in.	315.72	11.050
Aspect Ratio	1.675	1.675
Rate of Taper	0.507	0.507
Taper Ratio	0.404	0.404
Sweep Back Angles, degrees		
Leading Edge	45.00	45.00
Trailing Edge	26.25	26.25
0.25 Element Line	41.13	41.13
Chords:		
Root (Theo.) WP	268.50	9.398
Tip (Theo.) WP	108.47	3.796
MAC	199.81	6.993
Fus. Sta. of .26 MAC	1463.50	51.223
W.P. of .25 MAC	635.52	22.243
B.L. of .25 MAC	0.0	0.0
Airfoil Section		
Leading Wedge Angle, deg.	10.0	10.0
Trailing Wedge Angle, deg.	14.92	14.92
Leading Edge Radius	2.00	0.070
Void Area	13.17	0.016
Blanketed Area	0.00	0.00

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TABLE III. MODEL DIMENSIONAL DATA (Concluded)

MODEL COMPONENT:

WING - W129

GENERAL DESCRIPTION: The wing is the primary lifting device and is mounted horizontally and is symmetric about the plane $Y_0 = 0$. A cuff fairs the fuselage to the wing's leading edge @ T_0 940 to 1084.

MODEL SCALE: 0.035 DRAWING NO.: VC70-000002

DIMENSIONS:

	<u>FULL SCALE</u>	<u>MODEL SCALE</u>
<u>TOTAL DATA</u>		
Area (Theo.), ft ²		
Planform	2690.00	3.295
Span (Theo.), in.	936.68	32.784
Aspect Ratio	2.265	2.265
Rate of Taper	1.177	1.177
Taper Ratio	0.200	0.200
Dihedral Angle, degrees	3.500	3.500
Incidence Angle, degrees	0.500	0.500
Aerodynamic Twist, degrees		
Sweep Back Angles, degrees		
Leading Edge	45	45
Trailing Edge	10.056	10.056
0.25 Element Line	35.209	35.209
Chords:		
Root (Theo.) B.P.O.O.	689.243	24.124
Tip, (Theo.) B.P.	137.849	4.825
MAC	474.812	16.618
Fus. Sta. of .25 MAC	1136.834	39.789
W.P. of .25 MAC	290.857	10.180
B.L. of .25 MAC	182.132	6.375
<u>EXPOSED DATA</u>		
Area (Theo.), ft ²	1751.50	2.146
Span, (Theo.), in. BP108	720.68	25.224
Aspect Ratio	2.060	2.060
Taper Ratio	0.245	0.245
Chords		
Root BP108	562.090	19.673
Tip 1.00 b/2	137.849	4.825
MAC	392.826	13.749
Fus. Sta. of .25 MAC	1186.50	41.528
W.P. of .25 MAC	293.683	10.279
B.L. of .25 MAC	251.769	8.812
Airfoil Section (Rockwell Mod NASA) XXXX-64		
Root b/2 =	0.1136	0.1136
Tip b/2 =	0.120	0.120
Data for (1) of (2) Sides		
Leading Edge Cuff		
Planform Area, ft ²	145.4	0.178
Leading Edge Intersects Fus M.L. @ Sta	500.0	17.500
Leading Edge Intersects Wing @ Sta	1084.0	37.940

TABLE IV. INSTRUMENTATION LOCATIONS
a. Orbiter

<u>Orifice Number</u>	<u>F.S. In.</u>	<u>B.P. In.</u>	<u>W.P. In.</u>	<u>X/l_{ref}</u>	<u>Remarks</u>
1	8.225	0.00	-	0.000	Nose Centerline
2	9.345	0.00	-	0.025	Upper Centerline
3	9.349	0.00	-	0.025	Lower Centerline
4	10.473	0.00	-	0.050	Lower Centerline
5	11.596	0.00	-	0.075	Upper Centerline
6	11.596	0.00	-	0.075	Lower Centerline
7	12.720	2.135	-	0.100	Lower Surface
8	12.720	1.680	-		Lower Surface
9	12.720	1.435	-		Lower Surface
10	12.720	.770	-		Lower Surface
11	12.720	0.00	-	0.100	Lower Centerline
12	13.844	0.00	-	0.125	Lower Centerline
13	14.968	0.00	-	0.150	Upper Centerline
14	14.968	0.00	-	0.150	Lower Centerline
15	15.417	0.00	-	0.160	Upper Centerline
16	16.316	0.00	-	0.180	Upper Centerline
17	15.950	0.758	16.161	-	Centerline Window #1
18	16.454	1.618	16.113	-	Centerline Window #2
19	17.280	2.208	16.065	-	Centerline Window #3
20	18.339	0.00	-	0.220	Upper Centerline
21	19.375	-	14.000	0.250	L.H. Side
22	30.701	0.00	-	0.500	Upper Centerline
23	30.701	-	14.000	0.500	L.H. Side
24	30.701	0.00	-	0.500	Lower Centerline
25	39.691	-	11.763	0.700	Fuselage/Wing Juncture
26	44.186	0.00	-	0.800	Upper Centerline
27	44.186	0.00	-	0.800	Lower Centerline
28	46.434	-	14.00	0.850	L.H. Side
29	46.434	-	10.79	0.850	Fuselage/Wing Juncture
30	46.434	0.00	-	0.850	Lower Centerline
31	46.434	3.780	-	0.850	L.H. Lower Surface
32	46.434	1.750	-	0.850	L.H. Lower Surface
33					Omitted
34					Omitted
35	49.152		9.695	0.910	L.H. Side - Aft Fuselage
36	48.681	0.00	-	0.900	Lower Centerline- Aft Fuselage
37	50.929	0.00		0.950	Lower Centerline- Aft Fuselage

TABLE IV. INSTRUMENTATION LOCATIONS (Continued)
a. Orbiter (Continued)

Orifice Number	F.S. In.	B.P. In.	W.P. In.	X/l _{ref}	Remarks
38	52.286	0.00	14.000	0.983	L.H. Side - Aft Fuselage
39	52.569		12.390	0.990	L.H. Side - Aft Fuselage
40	52.750		11.025	0.991	L.H. Side - Aft Fuselage
41	52.750		9.695	0.991	L.H. Side - Aft Fuselage
42	43.960	2.450	-		Lower Fuselage - Umbilical Door
43	44.186	2.450	-	-	
44	44.870	2.450	-	-	
45	45.745	2.450	-	-	
46	45.745	1.820	-	-	
47	45.815	3.430	-	-	
48	45.920	3.675	-	-	
49	47.740	3.010	-	-	
50	47.740	2.450	-	-	
51	46.200	2.450	-	-	
52	46.586	2.100	-	-	
53	47.040	2.520	-	-	
54	46.585	2.835	-	-	
55	40.350	9.835	-	0.100	L.H. Wing Lower Surface X/C = .10
56	41.604	9.835		0.200	X/C = .20
57	44.113	9.835	-	0.400	X/C = .40
58	46.622	9.835	-	0.600	X/C = .60
59	49.131	9.835	-	0.800	X/C = .80
60	51.640	9.835	-	0.990	X/C = .99
61	40.350	9.835	-	0.100	L.H. Wing, Upper Surface X/C = .10
62	41.604	0.835	-	0.200	X/C = .20
63	44.113	9.835	-	0.400	X/C = .40
64	44.622	9.835	-	0.600	X/C = .60
65	49.131	9.835	-	0.800	X/C = .80
66	51.640	9.835	-	0.990	X/C = .99
67	45.782	0.00	17.500	0.000	Fuselage/ Vertical Tail Juncture
68	47.968	0.363	17.743	0.400	Fuselage/ Vertical Tail Juncture

TABLE IV. INSTRUMENTATION LOCATIONS (Continued)
a. Orbiter (Continued)

<u>Orifice Number</u>	<u>F.S. In.</u>	<u>B.P. In.</u>	<u>W.P. In.</u>	<u>X/ ref</u>	<u>Remarks</u>
69	-	0.00	18.320	0.000	Vertical Tail Leading Edge
70	-	0.00	18.605	0.000	
71	-	0.00	24.130	0.000	
72	51.960	0.099	24.130	0.100	,L.H. Side
73	52.563	0.152	24.130	0.200	,L.H. Side
74	53.770	0.258	24.130	0.400	,L.H. Side
75	54.980	0.363	24.130	0.600	,L.H. Side
76	56.185	0.198	24.130	0.800	,L.H. Side
77	-	0.00	24.130	1.000	,Trailing Edge
78	-	0.00	27.998	0.000	,Leading Edge
79	56.446	0.014	27.998	0.300	,L.H. Side
80	58.485	0.121	27.998	0.800	,L.H. Side
81	56.979	0.00	-	0.300	,Tip
82	58.602	0.00	-	0.800	,Tip
83	46.111	1.200	17.388	0.025	Fuselage/OMS Juncture L.H.
84	49.504	0.978	17.857	0.400	
85	52.766	0.884	17.987	0.756	
86	45.885	2.316	16.980	0.000	
87	45.885	3.539	16.020	0.000	
88	46.111	3.908	16.085	0.025	
89	46.337	4.123	16.123	0.050	L.H. OMS Pod
90	46.790	4.404	16.173	0.100	
91	47.695	4.761	16.236	0.200	
92	49.504	5.129	16.301	0.400	
93	51.314	5.244	16.321	0.600	
94	52.768	5.291	16.329	0.756	
95	54.873	5.280	16.658	0.915	
96	45.885	3.685	15.630	0.000	
97	46.337	3.716	14.960	0.050	
98	48.600	3.882	14.643	0.300	
99	52.766	4.160	14.751	0.756	
100	-	0.00	-	-	Forward RCS
101	-	0.00	-	-	,Thruster #122, nozzle wall
102	-	0.00	-	-	,downstream of Thruster #122
103	-	0.00	-	-	,Thruster #122, Bottom of Nozzle
104	-	0.00	-	-	,Thruster #125, Nozzle Wall
105	-	0.00	-	-	,Downstream of Thruster #125
					,Thruster #125, Bottom of nozzle

TABLE IV. INSTRUMENTATION LOCATIONS (Continued)
a. Orbiter (Concluded)

<u>Orifice Number</u>	<u>F.S. In.</u>	<u>B.P. In</u>	<u>W.P. In</u>	<u>X/ Ref.</u>	<u>Remarks</u>
106	-	-	-	-	Forward RCS - , Thruster #116
107	-	-	-	-	, Downstream of Thruster #116
108	-	-	-	-	, Thruster #126, Nozzle Wall
109	-	-	-	-	, Downstream of Thruster #126
110	-	-	-	-	, Thruster #123, Nozzle Wall
111	-	-	-	-	, Downstream of Thruster #123
112	-	-	-	-	, Thruster #123 Bottom of Nozzle

TABLE IV. INSTRUMENTATION LOCATIONS*
b. External Tank

<u>Orifice Number</u>	<u>Tank Sta. In.</u>	<u>θ Degrees</u>	<u>X/l ref.</u>	<u>Remarks</u>
301	11.515	0°	0.003	
302	11.725	0°	0.007	
303	11.830	0°	0.008	
304	11.978	0°	0.011	
305		180°		
306		225°		
307		270°		
308	11.978	315°		
309	12.093	0°	0.013	
310		180°		
311		225°		
312		270°		
313	12.093	315°		
314	12.408	0°	0.017	
315		180°		
316		225°		
317		270°		
318	12.408	315°		
319	12.740	0°	0.023	
320		180°		
321		225°		
322		270°		
323	12.740	315°		
324	13.129	0°	0.029	
325		180°		
326		202.5°		
327		225°		
328		247.5°		
329		270°		
330		292.5°		
331		315°		
332	13.129	337.5°		
333	14.746	0°	0.054	On Ogive
334		180°		
335	14.746	270°		
336	15.876	0°	0.071	
337		180°		
338	15.876	270°		
339	16.359	0°	0.078	
340		180°		
341	16.359	270°		
342	17.976	0°	0.104	
343		180°		
344	17.976	270°		

*Some T/C locations were combined to nearest θ for continuous presentation in collated data listings.

TABLE IV. INSTRUMENTATION LOCATIONS (Continued)
b. External Tank (Continued)

Orifice Number	Tank Sta. In.	θ Degrees	X/l ref.	Remarks
345	21.210	0°	0.154	
346		180°		On Ogive
347	21.210	270°		
348	24.430	0°	0.204	
349		180°		
350	24.430	270°		
351	26.303	0°	0.233	
352		180°		
353	26.303	270°		
354	27.878	0°	0.257	
355		180°		
356		270°		
357	29.453	0°	0.281	
358		180°		
359		270°		
360	29.453	315°		
361	12.355	31.5°	0.017	Nose Spike,
362	12.495	15°	0.019	forward cable tray
363		31.5°		fairing
364	12.495	47°		
365	12.740	15°	0.022	
366		31.5°		
367	12.740	47°		
368	14.000	17°	0.042	On Ogive, in front
369		24.3°		of LO ₂ bracket #2
370		31.5°		
371		38.7°		
372	14.000	46.1°		
373	14.081	31.5°	0.043	On front of LO ₂ bracket #2
374	15.276	21.5°	0.062	On Ogive, in front
375		26.5°		of LO ₂ bracket #3
376		31.5°		
377		36.5°		
378	15.276	41.5°		
379	15.311	31.5°	0.062	On front of LO ₂ bracket #3
380	16.560	27.6°	0.081	On Ogive, in front
381		31.5°		of LO ₂ bracket #4
382	16.560	35.4°		
383	16.595	31.5°	0.082	On front of LO ₂ bracket #4
384	17.888	28.2°	0.102	On Ogive, in front
385		31.5°		of LO ₂ bracket #5
386	17.888	34.8°		

TABLE IV. INSTRUMENTATION LOCATIONS (Continued)
b. External Tank (Continued)

<u>Orifice Number</u>	<u>Tank Sta. In.</u>	<u>θ Degrees</u>	<u>X/λ ref.</u>	<u>Remarks</u>
387	17.923	31.5°	0.1024	On front of LO ₂ bracket #5
388	19.262	28.6°	0.123	On ogive, in front of LO ₂
389		31.5°		Bracket #6
390		34.4°		
391	19.296	31.5°	0.124	On front of LO ₂ bracket #6
292	20.668	28.9°	0.145	On ogive, in front of LO ₂
393		31.5°		bracket #7
394	20.668	34.1°		
395	20.712	31.5°	0.1455	On front of LO ₂ bracket #7
396	23.557	26.8°	0.189	On ogive, in front of LO ₂
397		29.3°		bracket #9
398		31.5°		
399		33.8°		
400	23.557	36.2°		
401	23.592	31.5°	0.190	On front of LO ₂ bracket #9
402	26.501	29.3°	0.235	On ogive, in front of LO ₂
403		31.5°		bracket #11
404	26.501	33.8°		
405	26.536	31.5°	0.2354	On front of LO ₂ bracket #11
406	26.713	29.3°	0.238	On ogive, aft of LO bracket #11
407	26.713	31.5°		
408	26.713	33.8°		
409	27.080	17.9°	0.244	On ogive, between LO ₂ brackets #11 and #12
410	27.080	45.1°	0.244	On ogive, between LO ₂ brackets #11 and #12
411	28.876	29.3°	0.272	On ogive, in front of
412		31.5°		LO ₂ bracket #13
413	28.876	33.8°		
414	28.911	31.5°	0.271	On front of LO ₂ bracket #13
415	31.465	33.42°	0.311	On intertank cable
416	31.675	33.07°	0.315	tray fairing
417	31.675	32.00°	0.315	On intertank
418	31.822	33.07°	0.317	cable tray fairing
419	30.970	0°	0.304	On intertank cable
420	32.520		0.328	tray fairing
421	34.070		0.352	Mid tank, top centerline
422	35.233		0.370	

TABLE IV. INSTRUMENTATION LOCATIONS (Continued)
b. External Tank (Continued)

<u>Orifice Number</u>	<u>Tank Sta. In.</u>	<u>θ Degrees</u>	<u>X/Y ref.</u>	<u>Remarks</u>
423	36.331	0°	0.387	Mid tank, top centerline
424	37.429		0.404	
425	38.592		0.422	
426	39.310		0.433	
427	39.805		0.440	Aft tank, top centerline
428	40.852		0.456	
429	42.053		0.475	
430	43.049		0.490	
431	47.570		0.560	
432	52.027		0.629	
433	56.548		0.699	
434	61.006		0.768	
435	65.527		0.837	
436	69.984		0.906	
437	71.576		0.931	
438	72.030	0°	0.938	
439	30.970	180°	0.304	Mid tank, lower centerline
440	39.310		0.433	Mid tank, lower centerline
441	47.570		0.560	Aft tank, lower centerline
442	56.548		0.699	
443	65.527		0.837	
444	72.030	180°	0.938	
445	30.970	270°	0.304	Mid tank, L.H. Centerline
446	32.520		0.328	
447	34.070	270°	0.352	
448	33.919	273°	-	Upstream of forward ET/ SRB attach point
449	34.059		-	
450	34.129	273°	-	
451	34.874	270°	-	On forward ET/SRB attach point
452	35.733		0.370	
453	36.331		0.387	Mid tank, L.H. centerline
454	37.429		0.404	
455	38.592		0.422	
456	39.310		0.433	
457	43.049		0.490	Aft tank, L.H. centerline
458	47.570		0.560	
459	52.027		0.629	
460	56.548		0.699	
461	61.006		0.768	
462	65.527		0.837	
463	69.984		0.906	
464	71.276		0.926	
465	72.030	270°	0.937	

TABLE IV. INSTRUMENTATION LOCATIONS (Continued)
b. External Tank (Continued)

<u>Orifice Number</u>	<u>Tank Sta. In.</u>	<u>θ Degrees</u>	<u>X/$l_{ref.}$</u>	<u>Remarks</u>
466	71.776	250.5°	0.934	Upstream of aft lower ET/SRB attach point
467	71.873	250.5°	0.935	Upstream of aft lower ET/SRB attach point
468	71.873	247.5°	0.935	Adjacent to aft lower ET/SRB attach point
469	71.930	247°	0.936	Adjacent to aft lower ET/SRB attach point
470	71.696	289.5°	0.933	Upstream of aft upper ET/SRB attach point
471	71.843	289.5°	0.935	Upstream of aft upper ET/SRB attach point
472	72.030	283.9°	0.938	Adjacent to aft upper ET/SRB attach point
473	65.075	309.37°	0.830	Upstream of L.H. longeron
474	65.398	309.37°	0.835	
475	65.721	303°	0.840	
476	65.721	315°	0.840	Adjacent to L.H. longeron
477	65.713	309.37°	0.840	
478	72.010	309.37	0.937	On L.H. longeron forward clevis bracket
479	71.768	312.58°	0.934	On aft L.H. longeron
480	71.873	312.58°	0.935	
481	72.030	316.78°	0.938	Adjacent to L.H. longeron
482	37.114	330°	0.399	Upstream of LH ₂ fairing
483	37.314	330°	0.402	On LH ₂ fairing
484	37.611	331.5°	0.406	Adjacent to LH ₂ fairing
485	39.310	327°	0.433	Adjacent to LH ₂ pressure
486	39.310	333°	0.433	line, intertank region
487	39.901	329°	0.442	On aft tank
488	40.204	328°	0.446	On aft tank, in front of LH ₂ pressure line bracket #2
489	40.204	329°	0.446	On aft tank, in front of LH ₂ pressure line bracket #2
490	40.204	332°	0.446	
491	40.232	329°	0.447	On front of LH pressure line bracket #2
492	46.612	328°	0.545	On aft tank, in front of LH ₂ pressure line bracket #5
493	46.612	329°	0.545	
494	46.612	332°	0.545	

TABLE IV. INSTRUMENTATION LOCATIONS (Continued)
b. External Tank (Continued)

<u>Orifice Number</u>	<u>Tank Sta. In.</u>	<u>θ Degrees</u>	<u>X/λ ref.</u>	<u>Remarks</u>
495	46.640	329°	0.546	On front of LH2 pressure line bracket #5
496	71.924	328°	0.936	On aft tank, in front of LH2 pressure line bracket #16
497	71.924	329°	0.936	
498	71.924	332°	0.936	
499	71.952	329°	0.937	On front of LH2 pressure line bracket #16
500	72.051	341°	0.938	Vacinity of LH2 feed line/tank penetration
501	72.226	340°	0.941	
502	72.814	334.5°	0.950	
503	72.814	343.75°	0.950	
504	71.703	355°	0.933	Vacinity of sway strut fitting
505	71.803	355°	0.934	
506	71.803	357.1°	0.934	
507	37.429	337.5°	0.404	Intertank region
508	38.592	337.5°	0.422	
509	39.310	337.5°	0.433	
510	39.805	337.5°	0.440	
511	38.915	343°	0.427	Intertank region, upstream of orbiter forward attach strut
512	39.372		0.434	
513	39.442		0.435	
514	39.652	343°	0.438	Intertank region, aft of Orbiter forward attach strut
515	38.915	348°	0.427	Intertank region, upstream of orbiter forward attach strut
516	39.238		0.432	Intertank region, upstream of Orbiter forward attach strut
517	39.561		0.437	Intertank region, below Orbiter forward attach strut

TABLE IV. INSTRUMENTATION LOCATIONS (Continued)

b. External Tank (Continued)

<u>Orifice Number</u>	<u>Tank Sta. In.</u>	<u>θ Degrees</u>	<u>X/l ref.</u>	<u>Remarks</u>
518	39. 884	348°	0. 442	Intertank region aft of Orbiter forward attach strut
519	39. 310	11. 25°	0. 433	Intertank region, upstream of Orbiter forward attach strut
520	39. 310	15°	0. 433	
521	38. 915	17°	0. 427	
522	39. 238	17°	0. 432	
523	39. 372	17°	0. 434	
524	39. 442	18°	0. 435	
525	39. 310	19°	0. 433	
526	34. 421	23. 067°	0. 357	In front of LO2 Feedline fairing
527	34. 905	27. 537°	0. 365	Adjacent to LO2 Feedline fairing
528	34. 905	25. 742°	0. 365	On LO2 Feedline fairing
529	34. 905	23. 067°	0. 365	On LO2 Feedline fairing
530	35. 910	29. 017°	0. 380	Adjacent to LO2 Feedline fairing
531	35. 910	23. 067°	0. 380	On LO2 Feedline fairing
532	38. 828	19. 767°	0. 425	Intertank region, adjacent to LO2 Feedline,
533	39. 090		0. 429	
534	39. 286		0. 432	
535	39. 384	19. 767°	0. 434	
536	39. 090	23. 067°	0. 429	On the LO2 Feedline
537	39. 339	23. 067°	0. 433	
538	39. 401	23. 067°	0. 434	
539	39. 401	26. 367°	0. 434	
540	39. 469	19. 767°	0. 435	On front of LO2 Feedline bracket #1
541	39. 469	26. 367°	0. 435	On front of LO2 Feedline bracket #1
542	56. 636	19. 267°	0. 700	In front of LO2 feedline bracket #3
543	56. 705	19. 267°	0. 701	
544	56. 705	26. 367°	0. 701	
545	56. 773	19. 267°	0. 702	On front of LO2 Feedline bracket #3
546	56. 773	26. 367°	0. 702	On front of LO2 Feedline bracket #3
547	68. 858	19. 767°	0. 889	In front of LO2 Feedline bracket #5
548	68. 927	19. 767°	0. 890	
549	68. 927	26. 367°	0. 890	

TABLE IV. INSTRUMENTATION LOCATIONS (Continued)
b. External Tank (Continued)

Orifice Number	Tank Sta. In.	θ Degrees	X/ ref.	Remarks
550	68. 995	19. 767°	0. 891	On front of LO2 Feedline bracket #5
551	68. 995	26. 367°	0. 891	On front of LO2 Feedline bracket #5
552	34. 499	33. 75°	0. 358	In front of LO2 Antigeyser fairing
553	34. 813	31. 79°	0. 363	On LO2 Antigeyser fairing
554	34. 813	33. 75°	0. 363	
555	35. 465	32. 77°	0. 373	
556	36. 431	31. 51°	0. 388	Adjacent to LO2 Antigeyser fairing
557	36. 431	33. 75°	0. 388	On LO2 Antigeyser fairing
558	37. 604	36°	0. 406	On aft electrical conduit fairing
559	37. 604	37. 70°	0. 406	
560	37. 755	37. 70°	0. 409	
561	38. 592	29°	0. 422	On aft tank, adjacent to LO2 pressure line
562	39. 310	29°	0. 433	On aft tank, adjacent to LO2 pressure line
563	38. 954	32°	0. 427	On aft tank, between LO2 pressure and antigeyser lines
564	39. 280		0. 432	
565	39. 434		0. 435	
566	39. 593		0. 437	
567	39. 751	32	0. 439	
568	39. 865	30. 43°	0. 441	On aft tank, adjacent to LO2 pressure line
569	39. 865	32	0. 441	On aft tank, between LO2 pressure and antigeyser lines
570	39. 865	36. 5°	0. 441	On aft tank, between LO2 antigeyser line and aft conduit fairing
571	40. 232	36°	0. 447	On front of LO2 pressure line bracket #2
572	55. 383	32°	0. 681	On aft tank, between LO2 pressure and antigeyser lines
573	55. 541	32°	0. 683	On aft tank, between LO2 pressure and antigeyser lines
574	55. 650	30. 43°	0. 685	On aft tank, in front of LO2 pressure line bracket #9
575	55. 650	32	0. 685	On aft tank, between LO2 pressure and antigeyser lines
576	55. 650	36. 5°	0. 685	On aft tank, between LO2 antigeyser line and aft conduit

TABLE IV. INSTRUMENTATION LOCATIONS (Continued)
b. External Tank (Continued)

Orifice Number	Tank Sta. In.	θ Degrees	X/ λ ref	Remarks
577	55. 684	36°	0. 685	On front of LO2 pressure line bracket #9
578	68. 928	32°	0. 890	On aft tank, between LO2 pressure and antigeyser lines
579	69. 086	32°	0. 892	On aft tank, between LO2 pressure and antigeyser lines
580	69. 195	30. 42°	0. 894	On aft tank, in front of LO2 pressure line bracket #15
581	69. 195	32°	0. 894	On aft tank, between LO2 pressure and antigeyser lines
582	69. 195	36. 5°	0. 894	On aft tank, between LO2 antigeyser line and aft conduit
583	69. 250	36°	0. 895	On front of LO2 pressure line bracket #15
584	38. 592	40°	0. 422	On intertank, adjacent to aft conduit fairing
585	39. 310	40°	0. 433	On intertank, adjacent to aft fairing

Orifice Number	X Length in.	θ Degrees	X/ λ ref	Remarks
586	1. 243	0°	0. 500	L. H. Forward ET/ORB strut
587	1. 243	90°	0. 500	R. H. Forward ET/ORB strut
588	1. 243	0°	0. 500	ET/ORB Aft Vertical, L. H. strut
589	1. 500	0°	0. 250	ET/ORB Aft L. H. thrust strut
590	2. 823	0°	0. 500	
591	4. 236	0°	0. 750	

Orifice Number	B. L. in.	X/ λ ref	Remarks
592	3. 062	0. 023	ET aft support beam, L. H. End forward face
593	1. 547	0. 250	ET aft support beam, L. H. End forward face
594	0	0. 512	ET aft support beam, centerline forward face
595	0	0. 512	ET aft support beam, centerline upper surface
596	0	0. 512	ET aft support beam, centerline lower surface

TABLE IV. INSTRUMENTATION LOCATIONS (Continued)
 b. External Tank (Concluded)

<u>Orifice Number</u>	"X" Length in.	X/ ℓ ref	<u>Remarks</u>
597	.125	0.670	Forward side LO2 umbilical plate
598	.310	0.793	Forward side LO2 Feedline fitting
599	.520	0.918	Forward side LO2 Feedline
600	.125	0.936	Forward side LH2 umbilical plate
601	.310	0.847	Forward side LH2 Feedline fitting
602	.520	0.670	Forward side LH2 Feedline

<u>Orifice Number</u>	X/ <u>gap</u>	X/ ℓ ref	<u>Remarks</u>
201	.10	0.100	Total pressure rake, between L. H. SRB and external tank
202	.30	0.300	
203	.50	0.500	
204	.70	0.700	
205	.90	0.900	

TABLE IV. INSTRUMENTATION LOCATIONS
c. Solid Rocket Booster

Orifice No.	SRB Sta in.	θ deg.	X/ ref	Remarks
700	7.00	0	0.000	Nose cone
701	7.50	180	0.0083	
702	7.91		0.015	
703	8.51		0.025	
704	10.02		0.050	
705	11.53		0.075	
706	13.04		0.100	
707	14.04		0.116	In front of lower command destruct antenna
708	19.08		0.119	Lower SRB moldline
709	49.27		0.698	
710	51.68		0.738	
711	52.29		0.748	
712	52.55		0.752	Ahead of aft attach ring
713	52.88		0.757	Between aft attach rings
714	55.31		0.798	Lower SRB moldline
715	60.58		0.884	Ahead of #1 stiffner ring
716	60.61		0.885	On front face of #1 stiffner ring
717	62.12		0.910	Ahead of #2 stiffner ring
718	62.15		0.910	On front face of #2 stiffner ring
719	63.28		0.929	Between #2 and #3 stiffner rings
720	63.70		0.936	Between #2 and #3 stiffner rings
721	64.31		0.946	Ahead of #3 stiffner ring
722	64.34		0.947	On front face of #3 stiffner ring
723	52.55	225	0.752	Ahead of aft attach ring
724	53.06	225	0.760	Ahead of downstream aft attach ring
725				Omitted
726	15.49	270	0.140	In front of cable systems tunnel fairing
727	15.98	270	0.148	On cable systems tunnel fairing
728	52.29	265	0.748	Adjacent to cable systems tunnel
729	52.55	265	0.752	Adjacent to cable systems tunnel

TABLE IV. INSTRUMENTATION LOCATIONS (Continued)
 c. Solid Rocket Booster (Continued)

Orifice No.	SRB Sta. in.	θ deg	X/l_{ref}	Remarks
730	52.29	275	0.748	Adjacent to cable systems tunnel
731	52.55	275	0.752	
732	60.48	265	0.881	
733	60.48	275	0.881	
734	61.77	265	0.904	
735	61.77	275	0.904	
736	63.70	265	0.936	
737	63.70	275	0.936	
738	13.79	0	0.112	Ahead of upper command destruct antenna
739	13.97		0.115	Ahead of upper command destruct antenna
740	14.29		0.120	On upper command destruct antenna
741	14.51		0.124	On upper command destruct antenna
742	19.08		0.199	On SRB upper moldline
743	25.12		0.299	
744	37.19		0.498	
745	49.27		0.698	
746	50.72		0.722	
747	51.68		0.738	
748	52.29		0.748	
749	52.55		0.752	In front of aft attach ring
750	52.67		0.754	On front face of attach ring
751	52.64		0.753	On front face of integrated electronics assembly
752	52.88		0.757	On top of integrated electronics assembly
753	55.30		0.797	On SRB upper moldline
754	59.83		0.872	On SRB upper moldline
755	60.58		0.885	In front of #1 stiffner ring
756	60.61		0.885	On front face of #1 stiffner ring
757	62.12		0.910	In front of #2 stiffner ring
758	62.15		0.910	On front face of #2 stiffner ring
759	62.85		0.922	Between #2 and #3 stiffner rings
760	63.28		0.929	Between #2 and #3 stiffner rings
761	64.31		0.946	In front of #3 stiffner ring
762	64.34		0.947	On front face of #3 stiffner ring
763	10.21		0.053	In vicinity of forward separation motors

TABLE IV. INSTRUMENTATION LOCATIONS (Continued)
c. Solid Rocket Booster (Continued)

Orifice <u>No.</u>	SRB Sta. <u>In.</u>	θ <u>deg</u>	X/ <u>ref</u>	<u>Remarks</u>
764	10.76	0	0.062	In vicinity of forward separation motors
765	-	-	-	
766	-	-	-	
767	-	-	-	
761	-	-	-	
769	-	20	-	
770	10.21		0.053	
771	10.47		0.057	
772	-		-	
773	10.76		0.062	
774	-	-	-	
775	-	-	-	
776	-	-	-	
777	-	-	-	
778	10.21	40	0.053	
779	10.76	40	0.062	
780	51.68	45	0.738	Ahead of aft attach ring
781	52.29	45	0.748	
782	52.55	50	0.752	
783	52.67	50	0.753	Aft of aft attach ring
784	53.05	50	0.760	Ahead of downstream aft attach ring
785	53.09	50	0.761	Aft of downstream aft attach ring
786	59.83	45	0.872	Ahead of #1 stiffner ring
787	60.58		0.885	Ahead of #1 stiffner ring
788	60.61		0.885	On front face of #1 stiffner ring
789	61.77		0.904	Ahead of #2 stiffner ring
790	62.12		0.910	Ahead of #2 stiffner ring
791	62.15		0.910	On front face of #2 stiffner ring
792	62.85		0.922	Between #2 and #2 stiffner rings
793	63.28		0.929	
794	63.70		0.936	
795	64.31		0.946	Ahead of #3 stiffner ring
796	64.34		0.947	On front face of #3 stiffner ring
797	15.51	76	0.140	Adjacent to forward attach
798	16.36	76	0.154	Adjacent to forward attach
799	7.14	90	0.0023	Nose cone
800	7.46		0.0076	
801	7.91		0.015	

TABLE IV. INSTRUMENTATION LOCATIONS (Continued)
c. Solid Rocket Booster (Continued)

Orifice No.	SRB Sta In	θ deg	X/ ref	Remarks
802	8.51	90	0.025	Nose Cone
803	9.41		0.040	
804	10.02		0.050	
805	10.62		0.060	
806	11.53		0.075	
807	13.04		0.100	
808	13.98		0.115	Ahead of forward attach
809	14.20		0.119	
810	14.40		0.122	
811	14.60		0.125	
812	14.80		0.129	
813	15.09		0.133	
814	15.46		0.140	
815	17.45		0.173	Aft of forward attach
816	17.87		0.179	
817	18.23		0.185	
818	18.65		0.192	
819	19.08		0.199	
820	25.12		0.299	On moldline between SRB and tank
821	37.19		0.498	
822	49.27		0.698	
823	51.68		0.738	
824	52.29		0.748	
825	52.55		0.752	Ahead of aft attach ring
826	52.69		0.754	Behind aft attach ring
827	53.03		0.760	Ahead of downstream aft attach ring
828	53.11		0.761	Behind downstream aft attach ring
829	55.31		0.798	On moldline between SRB and tank
830	59.83		0.872	On moldline between SRB and tank
831	60.58		0.885	Ahead of #1 stiffner ring
832	60.61		0.885	On front face of #1 stiffner ring
833	60.98		0.891	Between #1 and #2 stiffner ring
834	61.77		0.904	Between #1 and #2 stiffner ring
835	62.12		0.910	Ahead of #2 stiffner ring
836	62.15		0.910	On front face of #2 stiffner ring
837	62.37		0.914	Between #2 and #3 stiffner ring
838	62.85		0.922	
839	63.28		0.929	

TABLE IV. INSTRUMENTATION LOCATIONS (Continued)
c. Solid Rocket Booster (Continued)

Orifice No.	SRB Sta in	θ deg	X/ l_{ref}	Remarks
840	63.70	90	0.936	Between #2 and #3 stiffner ring
841	64.31		0.946	Ahead of #3 stiffner ring
842	64.34		0.947	On front face of #3 stiffner ring
843	15.68	76.25	0.143	In vicinity of forward attach bracket and cable tray
844	15.78		0.145	
845	15.82		0.146	
846	15.88		0.147	
847	15.98		0.148	
848	16.08		0.150	
849	15.68	68.50	0.143	
850	15.78		0.145	
851	15.82		0.146	
852	15.88		0.147	
853	15.98		0.148	
854	16.08		0.150	
855	15.68	58	0.143	
856	15.78		0.145	
857	15.82		0.146	
858	15.88		0.147	
859	15.98		0.148	
860	16.08		0.150	
861	15.88	36.23	0.147	
862	16.56	58	0.158	Aft of forward cable tray
863	52.88	130	0.757	Between the aft attach rings
864	65.39	328	0.964	Next to skirt tie down post
865	66.17	328	0.977	
866	65.39	332	0.964	
867	66.17	332	0.977	
868	64.54	342	0.950	
869	65.39		0.964	
870	66.17		0.977	
871	67.02		0.991	
872	64.54	355	0.950	Adjacent to aft separation motor support
873	65.39		0.964	
874	66.17		0.977	
875	67.02		0.991	
876	66.50	0	0.982	

TABLE IV. INSTRUMENTATION LOCATIONS (Continued)
c. Solid Rocket Booster (Continued)

Orifice No.	SRB Sta In	θ	X/ ref	Remarks
877	65.10	335.62	0.959	Adjacent to aft separation motor support
878	—	—	—	OMITTED
879	66.24	4.38	0.978	Under aft separation motor
880	65.87	4.38	0.972	Downstream of aft separation motors
882	67.08		0.992	
883	65.10	15.61	0.959	In front of aft separation motor support
884	66.24		0.978	Under aft separation motor
885	65.27		0.962	
886	65.87		0.972	
887	66.50		0.982	Downstream of aft separation motor
888	67.08		0.992	Downstream of aft separation motor
889	65.10	24.38	0.959	In front of aft separation motor support
890	66.24	24.38	0.978	Under aft separation motor
891	65.39	32	0.964	Adjacent to skirt tie down post
892	66.17	32	0.977	Adjacent to skirt tie down post
893	65.10	35.38	0.959	In front of aft separation motor
894	66.24	35.38	0.977	Under aft separation motor
895	65.27	40	0.962	Adjacent to aft separation motor
896	65.87		0.972	
897	66.50		0.982	
898	67.08		0.992	
899	64.56	50	0.950	On aft skirt
900	65.37		0.964	
901	66.18		0.977	
902	67.00		0.991	
903	64.56	90	0.950	
904	65.37		0.964	
905	66.18		0.977	
906	67.00		0.991	
907	—	4.38	—	Front of aft separation motor #1
908	—	4.38	—	Top of aft separation motor #1
909	—	15.61	—	Front of aft separation motor #2
910	—	15.61	—	Top of aft separation motor #2
911	—	24.38	—	Front of aft separation motor #3
912	—	24.38	—	Top of aft separation motor #3
913	—	36.00	—	Front of aft separation motor #4
914	—	36.00	—	Top of aft separation motor #4
915	52.80	—	—	Front of upper aft attach strut

TABLE IV. INSTRUMENTATION LOCATIONS (Concluded)
c. Solid Rocket Booster (Concluded)

Orifice No.	SRB Sta in	θ	X/L deg	ref	Remarks
916	57.80	—	—	—	Front of aft attach brace
917	52.50	—	—	—	Front of lower aft attach strut

TABLE V. BAD CODED PRESSURE ORIFICES

<u>RUN</u>	<u>BAD CODES</u>
1	P ₃₃ , P ₃₄ , P ₃₇₃ , P ₄₇₆ , P ₄₈₃ , P ₇₂₅ , P ₈₆₂ , Scanivalve Number 7: P ₄₁₈ through P ₄₅₅
2	Same as Run 1
3	Same as Run 1
4	P ₂ , P ₃₃ , P ₃₄ , P ₃₇₃ , P ₄₇₆ , P ₄₈₃ , P ₇₂₅ , P ₈₂₆ , P ₈₆₂
5	Same as Run 4
6	Same as Run 4
7	P ₂ , P ₃₃ , P ₃₄ , P ₃₇₃ , P ₄₇₆ , P ₄₈₃ , P ₇₁₀ , P ₇₁₄ , P ₇₁₅ , P ₇₂₅ , P ₈₂₁ , P ₈₆₂ , Scanivalve Number 13: P ₇₃₈ through P ₇₄₃ , P ₈₄₃ through P ₈₆₂ , P ₇₆₃ through P ₇₇₃
8	Same as Run 7
9	
10	
11	
12	
13	P ₂ , P ₃₃ , P ₃₄ , P ₄₇₆ , P ₄₈₃
14	Same as Run 13
15	
16	
17	
18	
19	

TABLE V. BAD CODED PRESSURE ORIFICES (Continued)

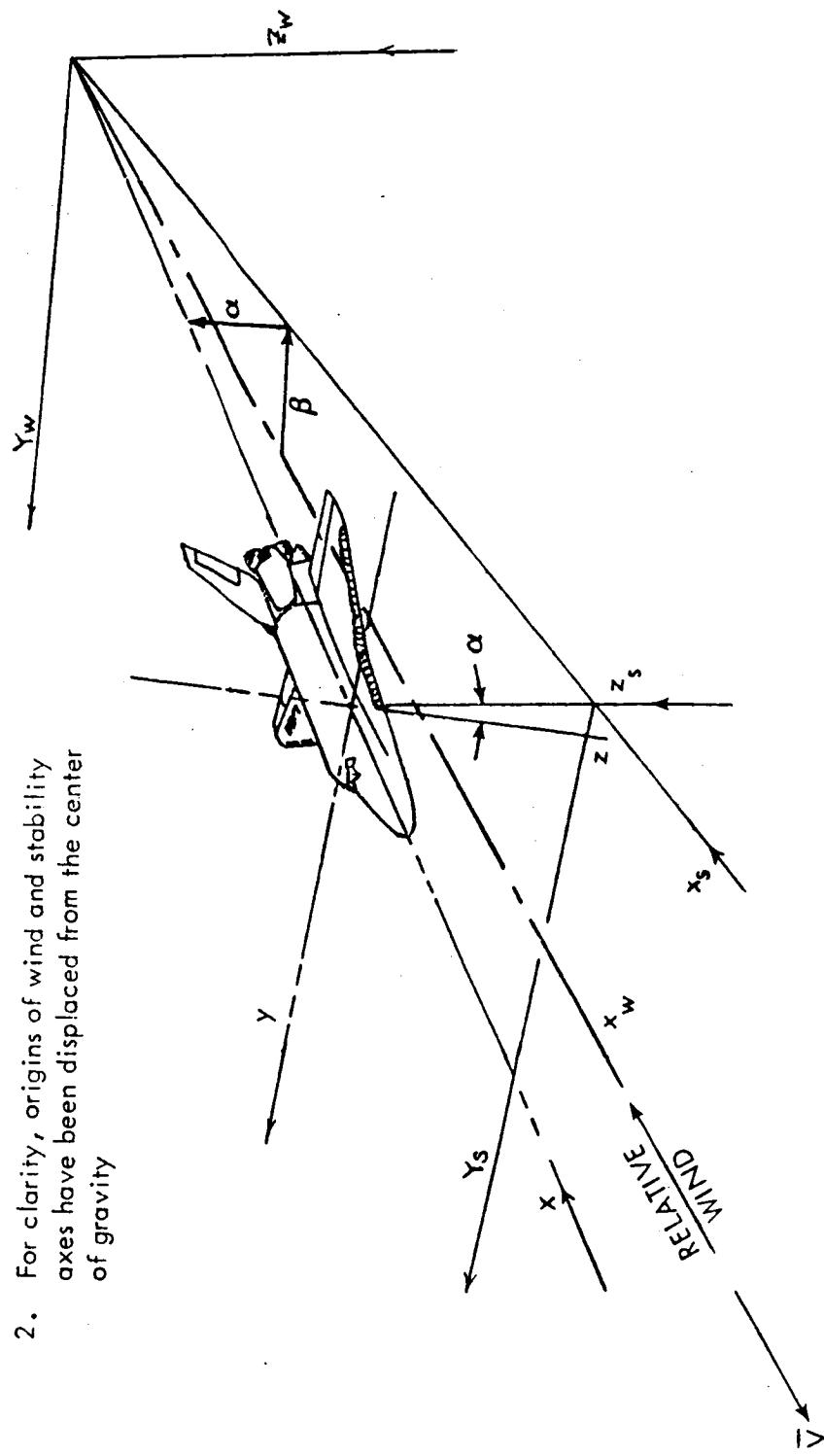
<u>RUN</u>	<u>BAD CODES</u>
20	P ₂ , P ₃₃ , P ₃₄ , P ₄₇₆ , P ₄₈₃
21	Same as Run 20
22	P ₂ , P ₃₃ , P ₃₄
23	Same as Run 22
24	
25	
26	
27	
28	
29	
30	
31	P ₇₂₅ , P ₈₂₆ , P ₈₆₂ , P ₈₈₅ , P ₉₁₅ , P ₉₁₇
32	Same as Run 31
33	
34	
35	
36	
37	
38	
39	

TABLE V. BAD CODED PRESSURE ORIFICES (Concluded)

<u>RUN</u>	<u>BAD CODES</u>
40	P ₃₇₃ , P ₄₇₆ , P ₄₈₃ , P ₅₈₆ , P ₅₈₇
41	Same as Run 40
42	
43	
44	
45	
46	
47	
48	

Notes:

1. Positive directions of angles are indicated by arrows
2. For clarity, origins of wind and stability axes have been displaced from the center of gravity



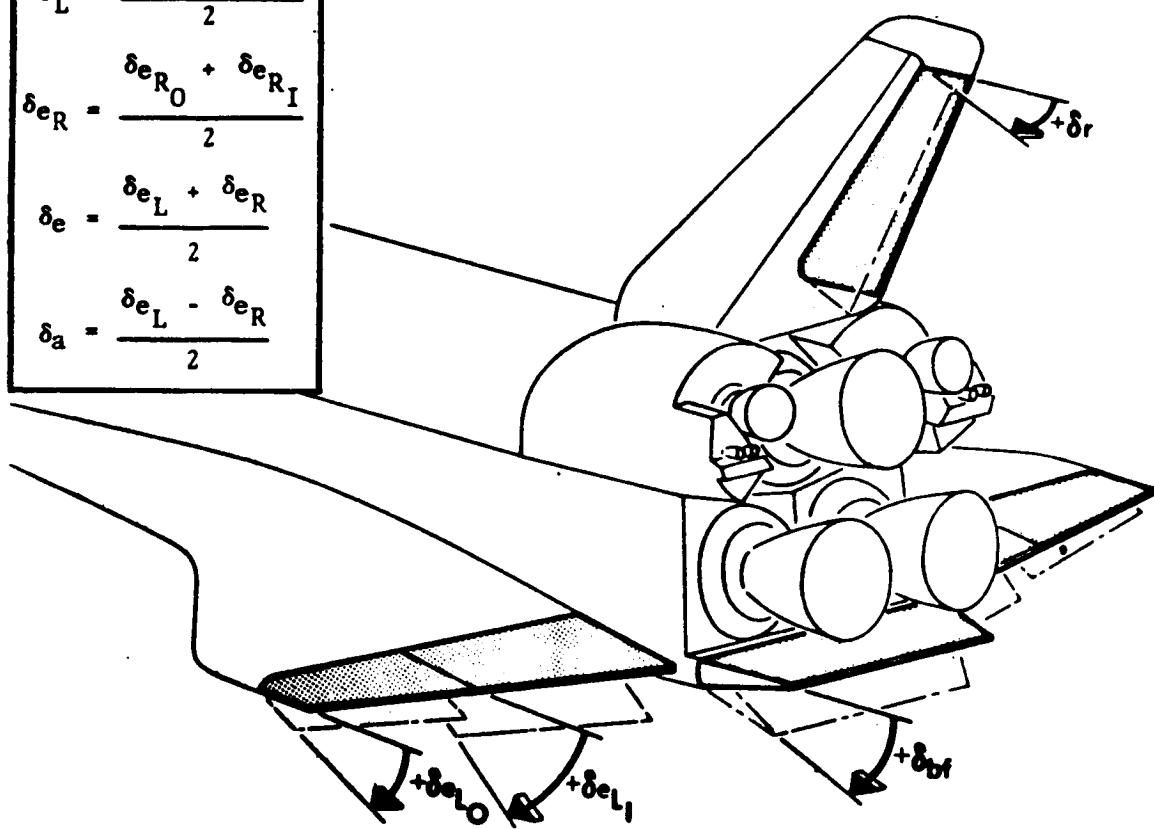
a. Axis Systems Definition
Figure 1. Axis systems.

$$\delta e_L = \frac{\delta e_{L_0} + \delta e_{L_I}}{2}$$

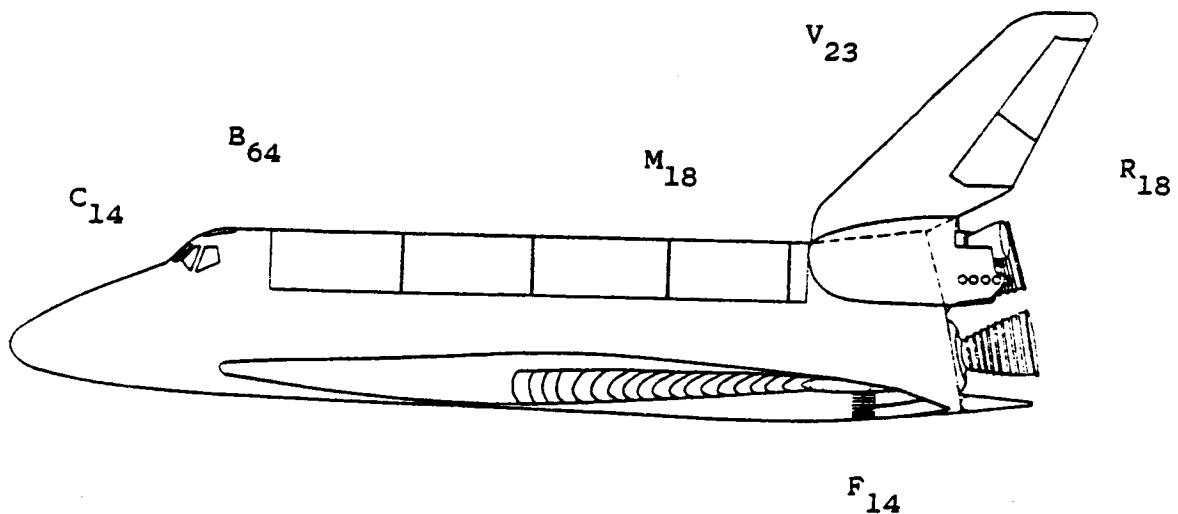
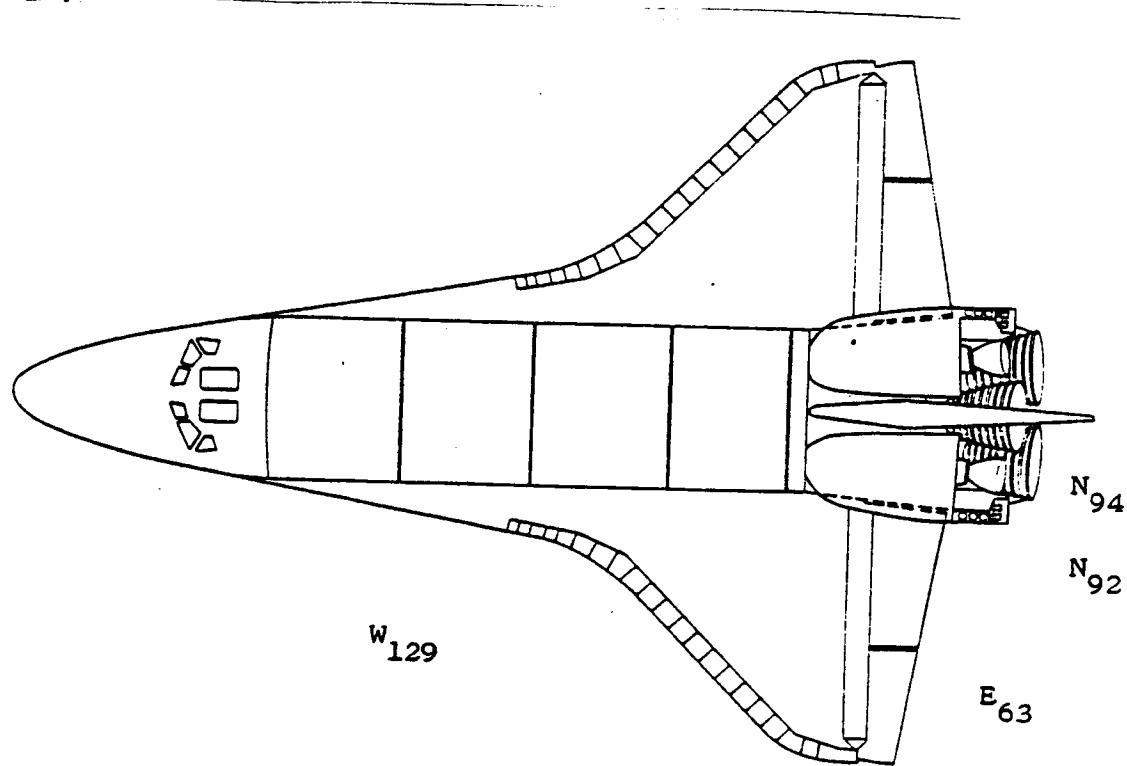
$$\delta e_R = \frac{\delta e_{R_0} + \delta e_{R_I}}{2}$$

$$\delta e = \frac{\delta e_L + \delta e_R}{2}$$

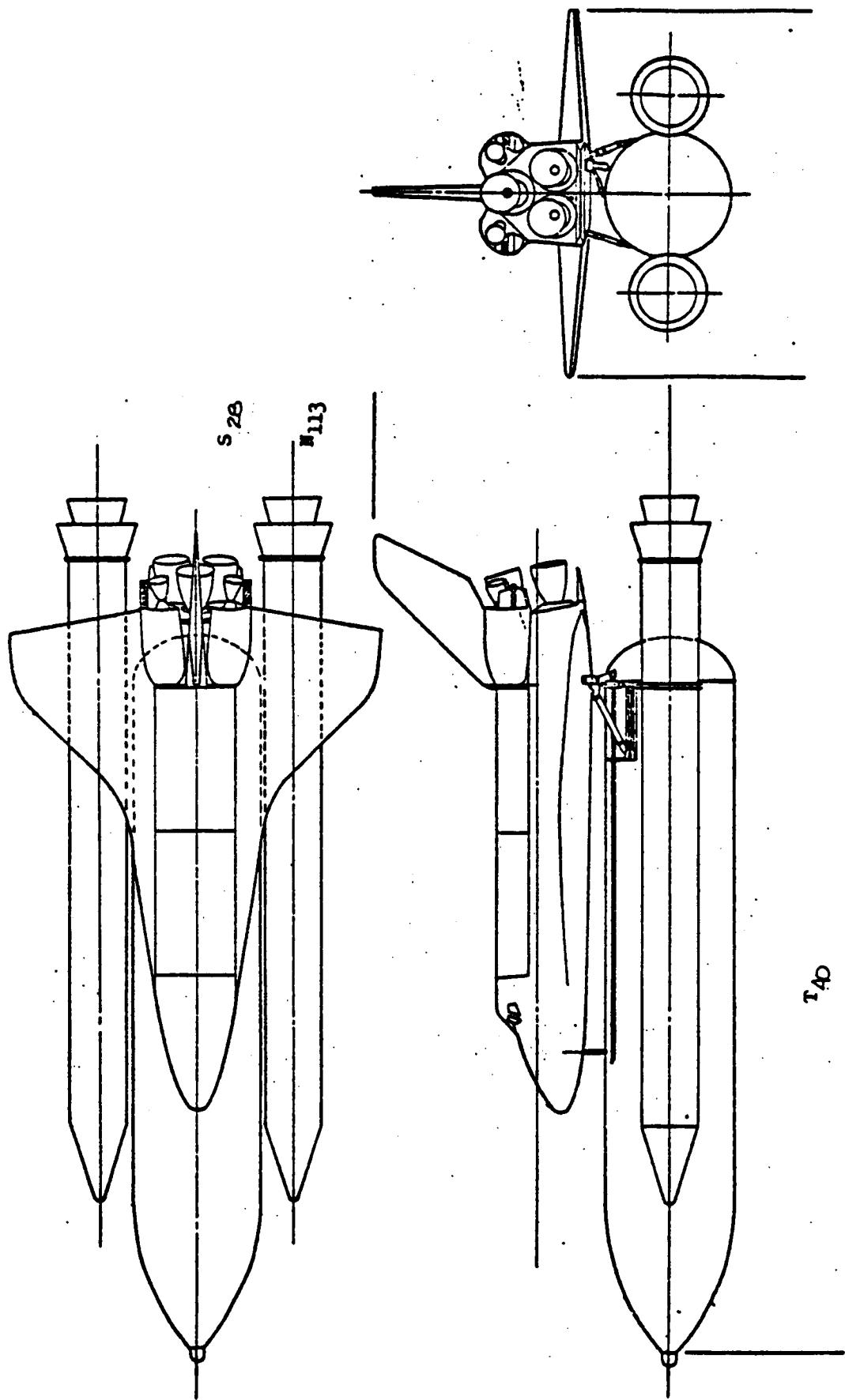
$$\delta a = \frac{\delta e_L - \delta e_R}{2}$$



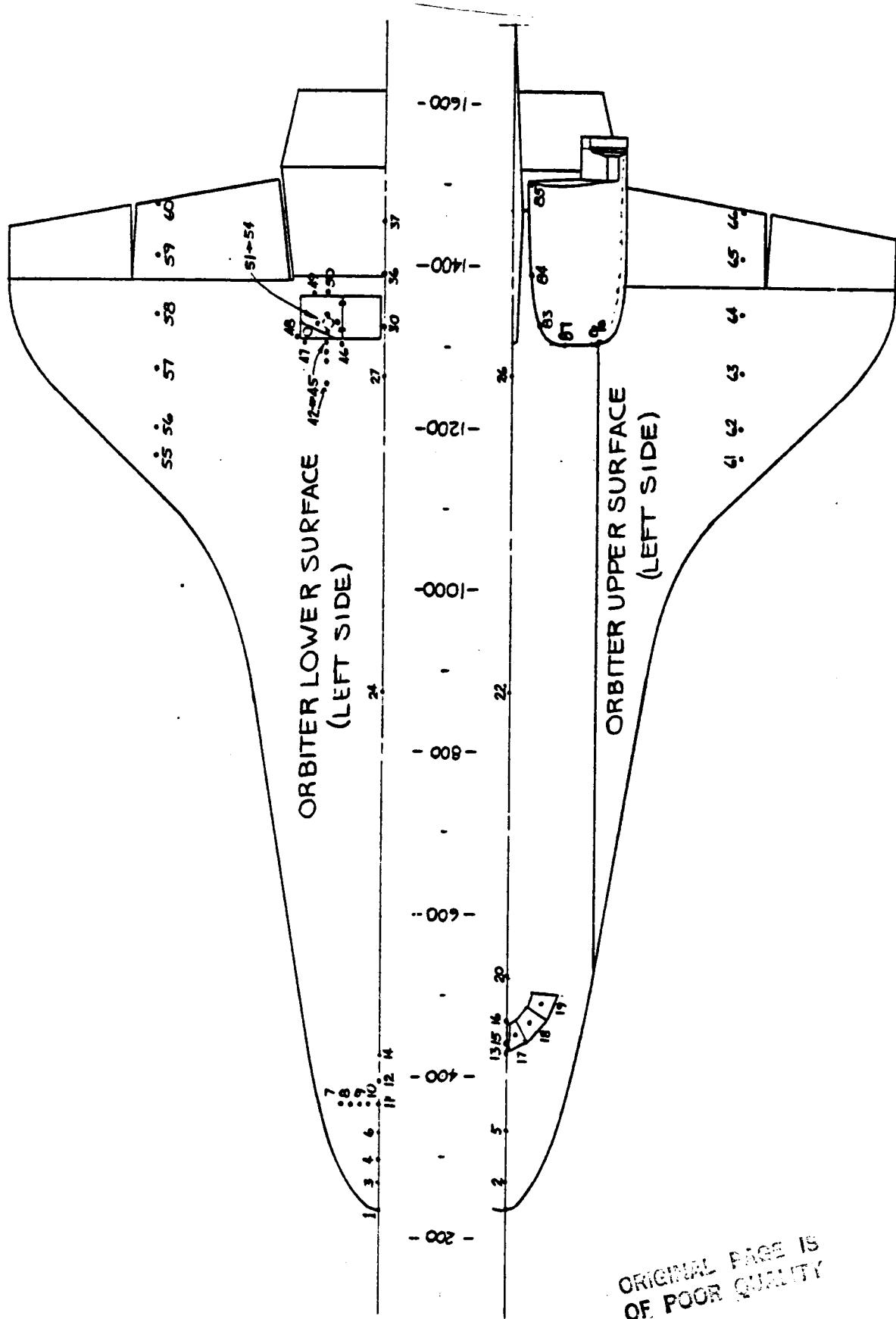
b. Control Surface Deflections
 Figure 1. Concluded.



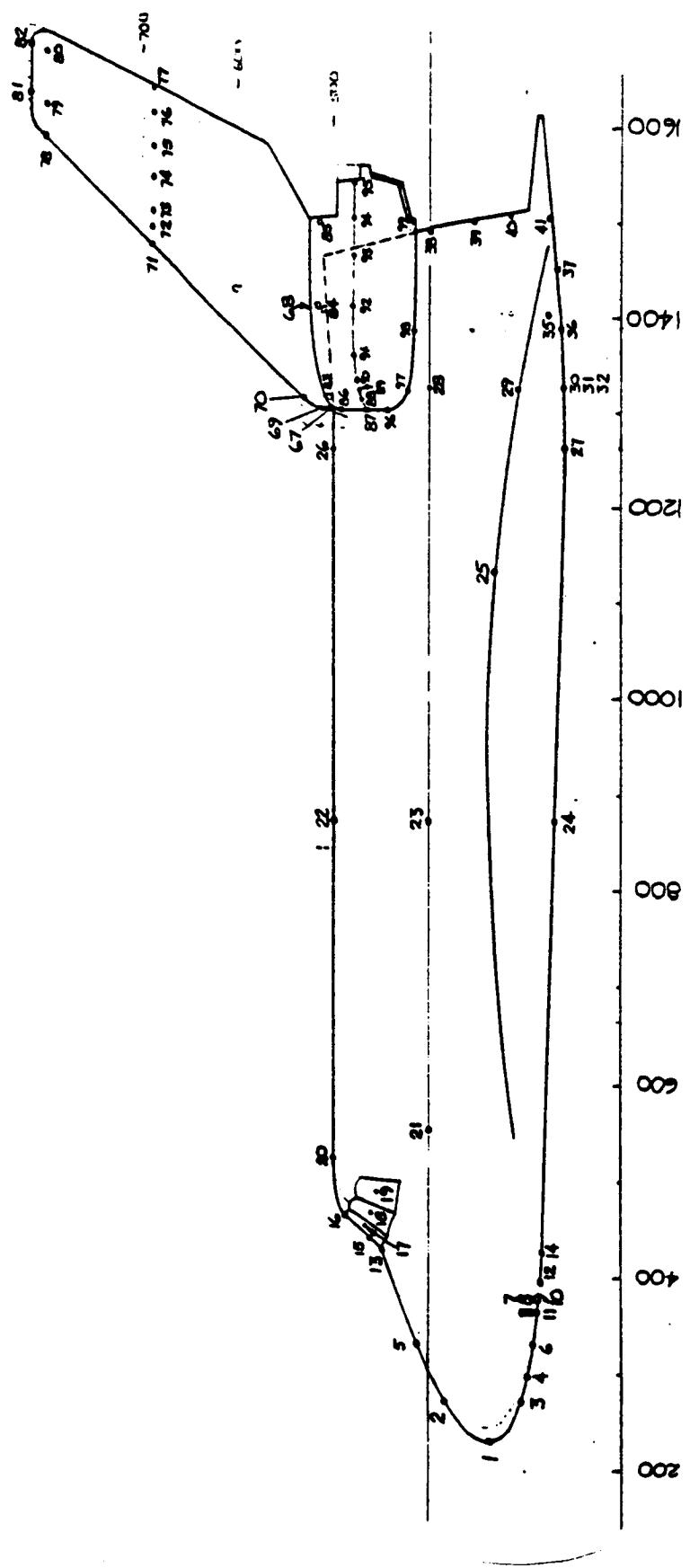
a. Orbiter Vehicle
Figure 2. Model sketches.



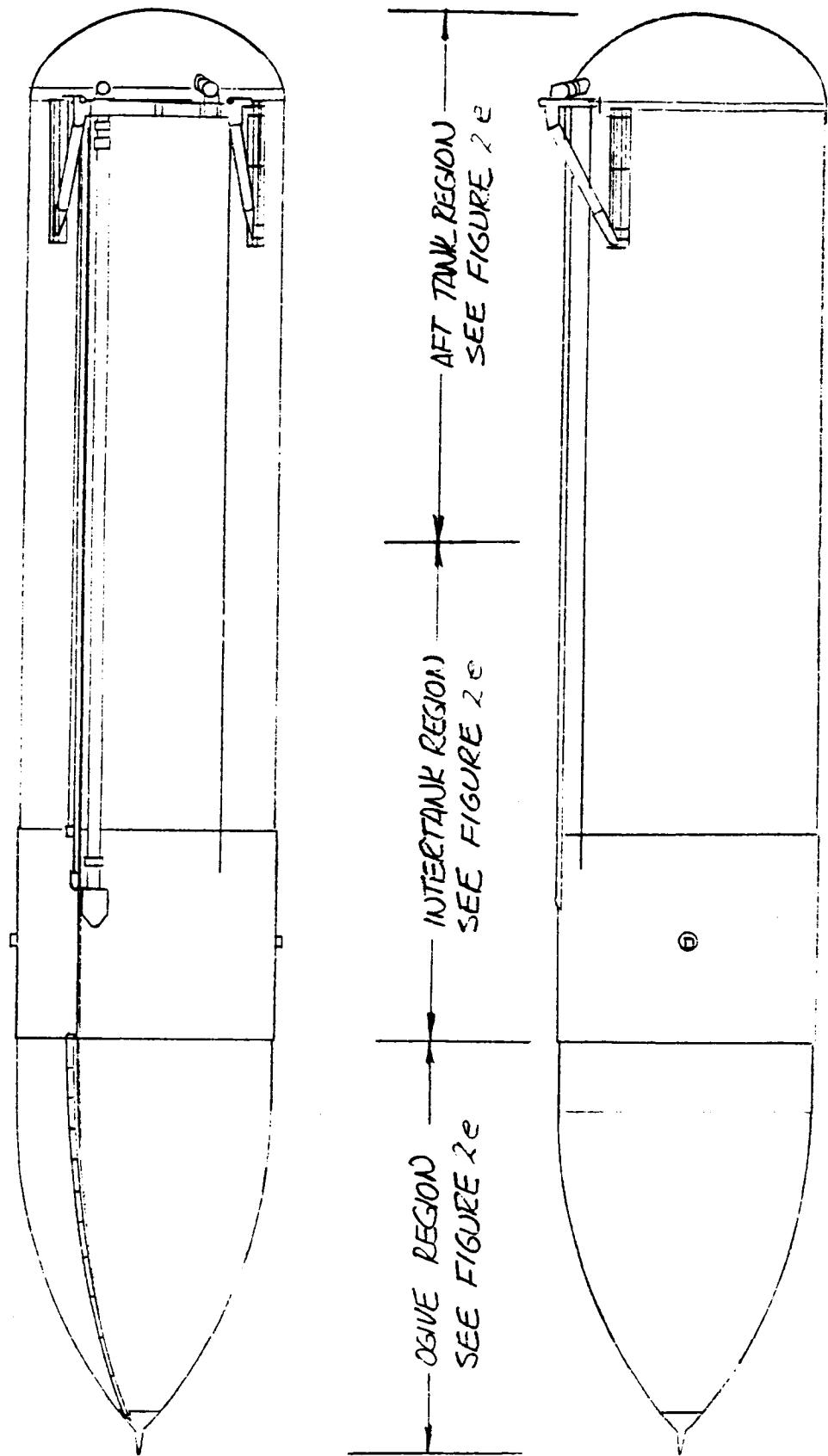
b. Integrated Vehicle
Figure 2. Continued.



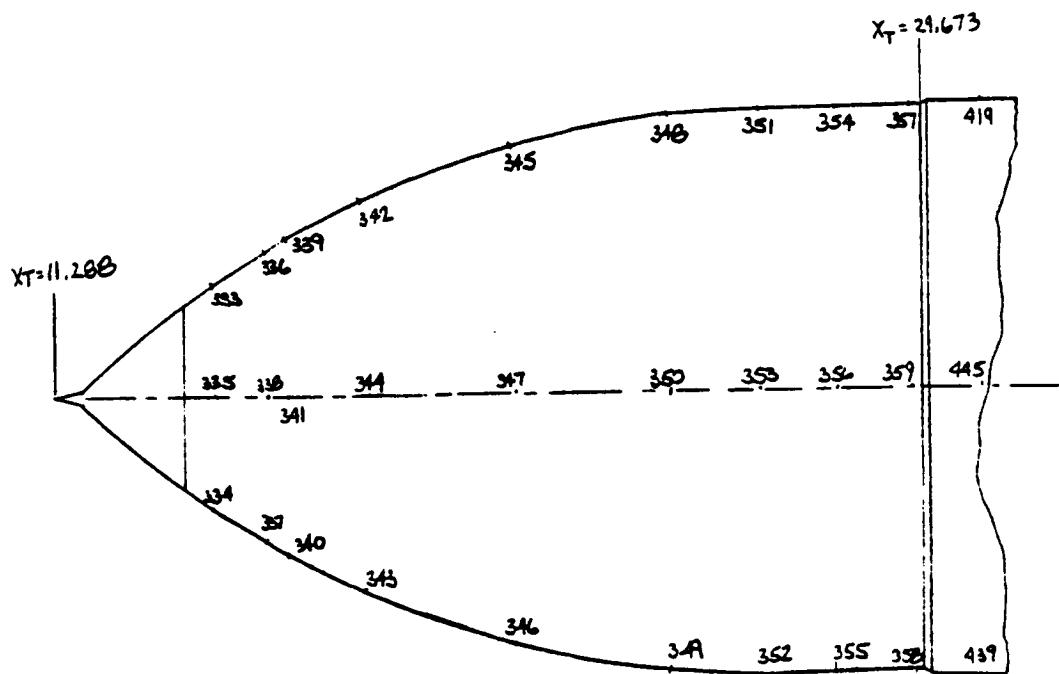
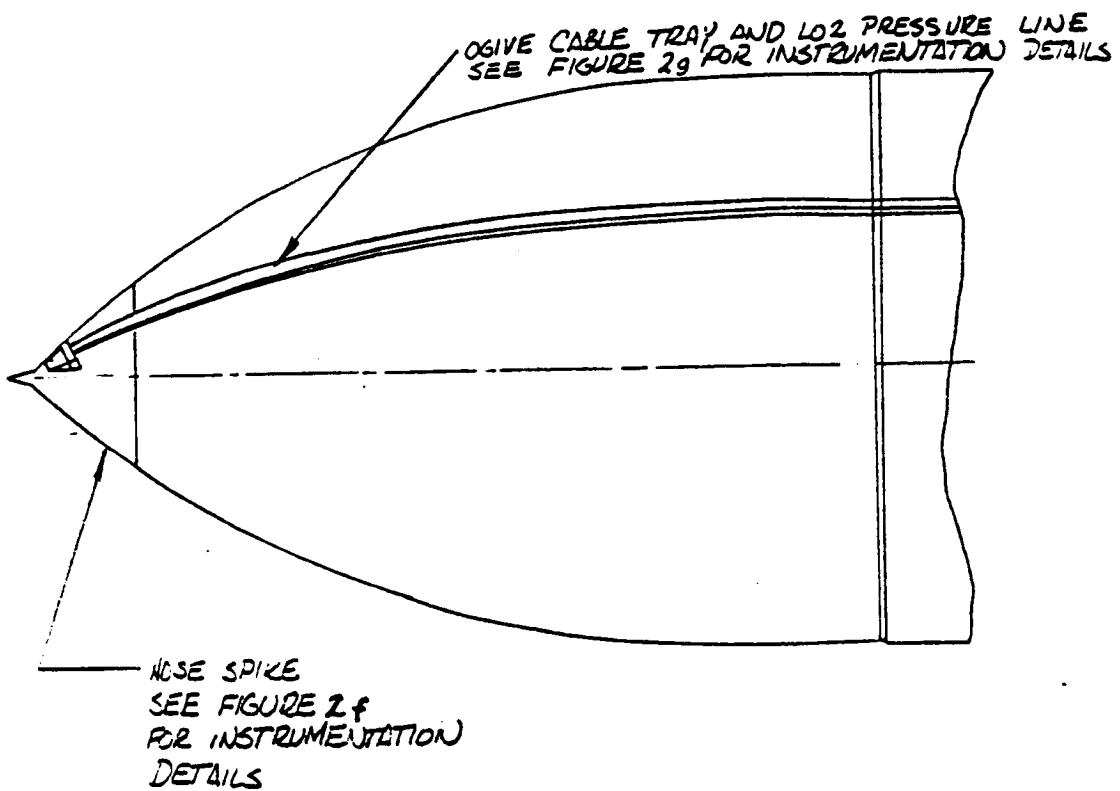
c. Orbiter Instrumentation
Figure 2. Continued.



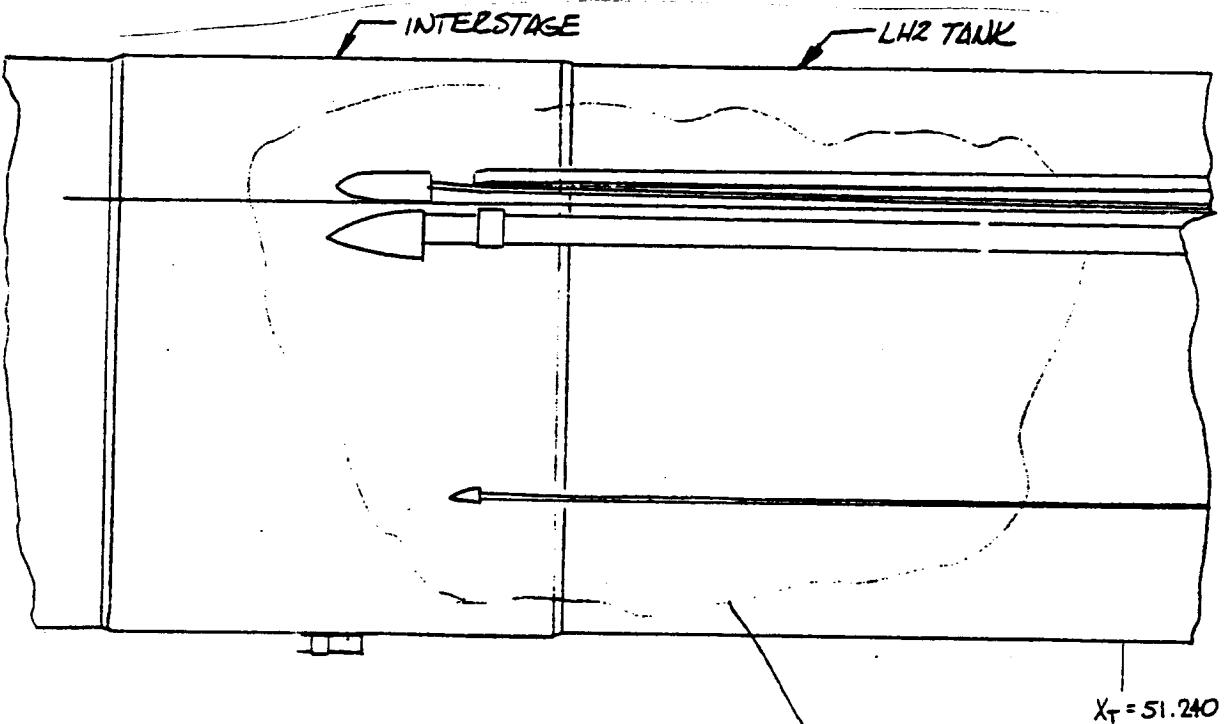
c. Orbiter Instrumentation (Concluded)
 Figure 2. Continued.



d. External Tank Layout (T_{40})
Figure 2. Continued.

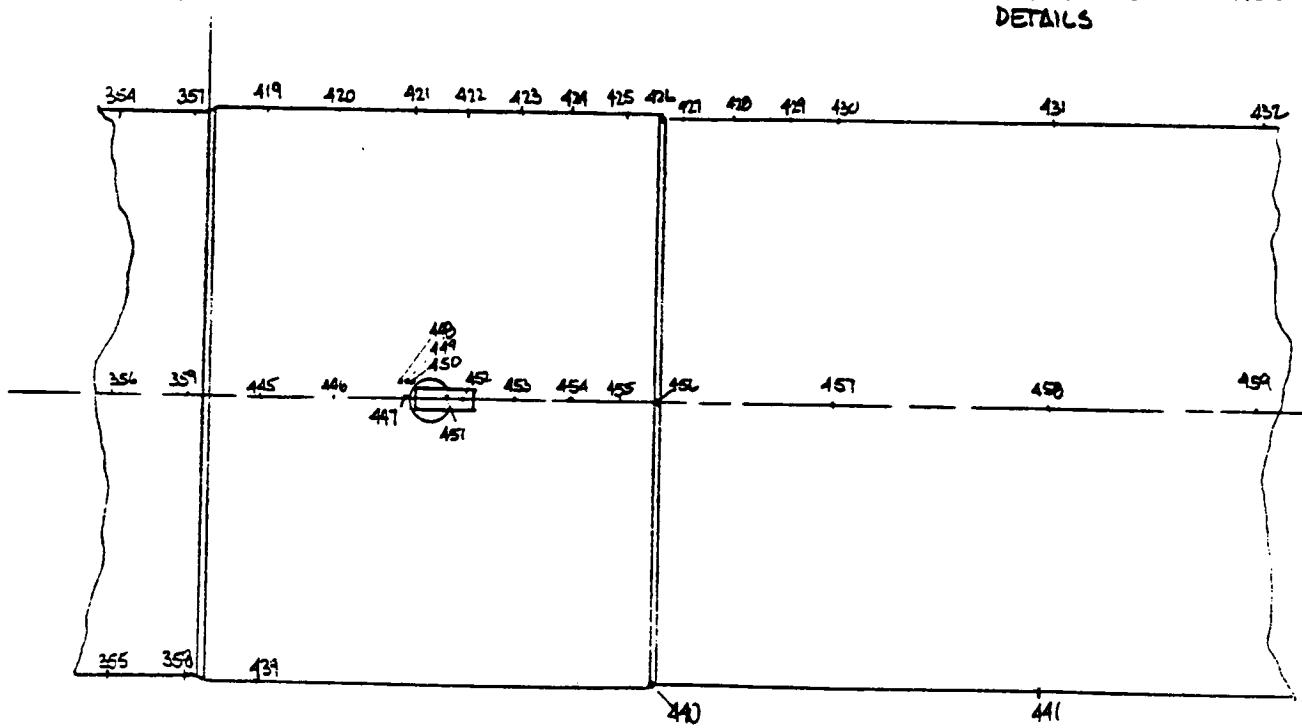


e. External Tank Instrumentation
Figure 2. Continued.

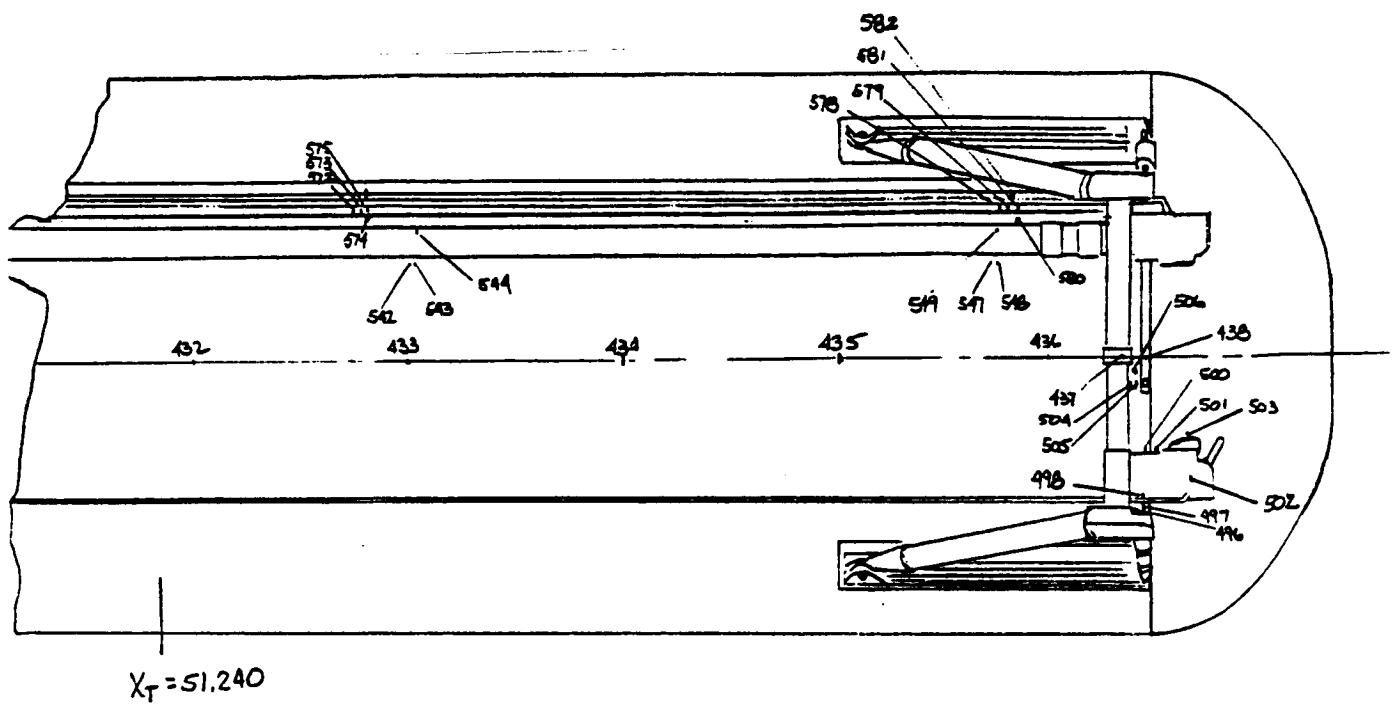


$X_T = 29.673$

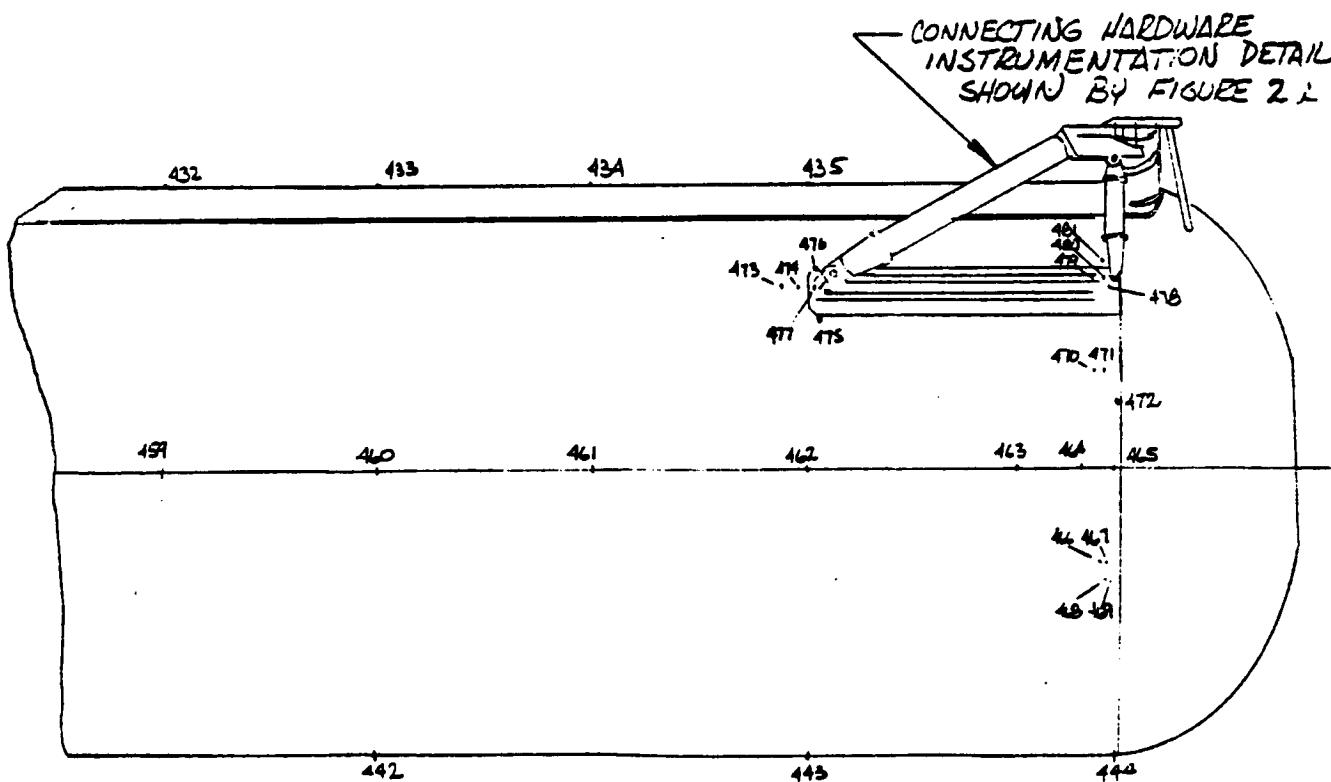
SEE FIGURE 2h
FOR INSTRUMENTATION
DETAILS



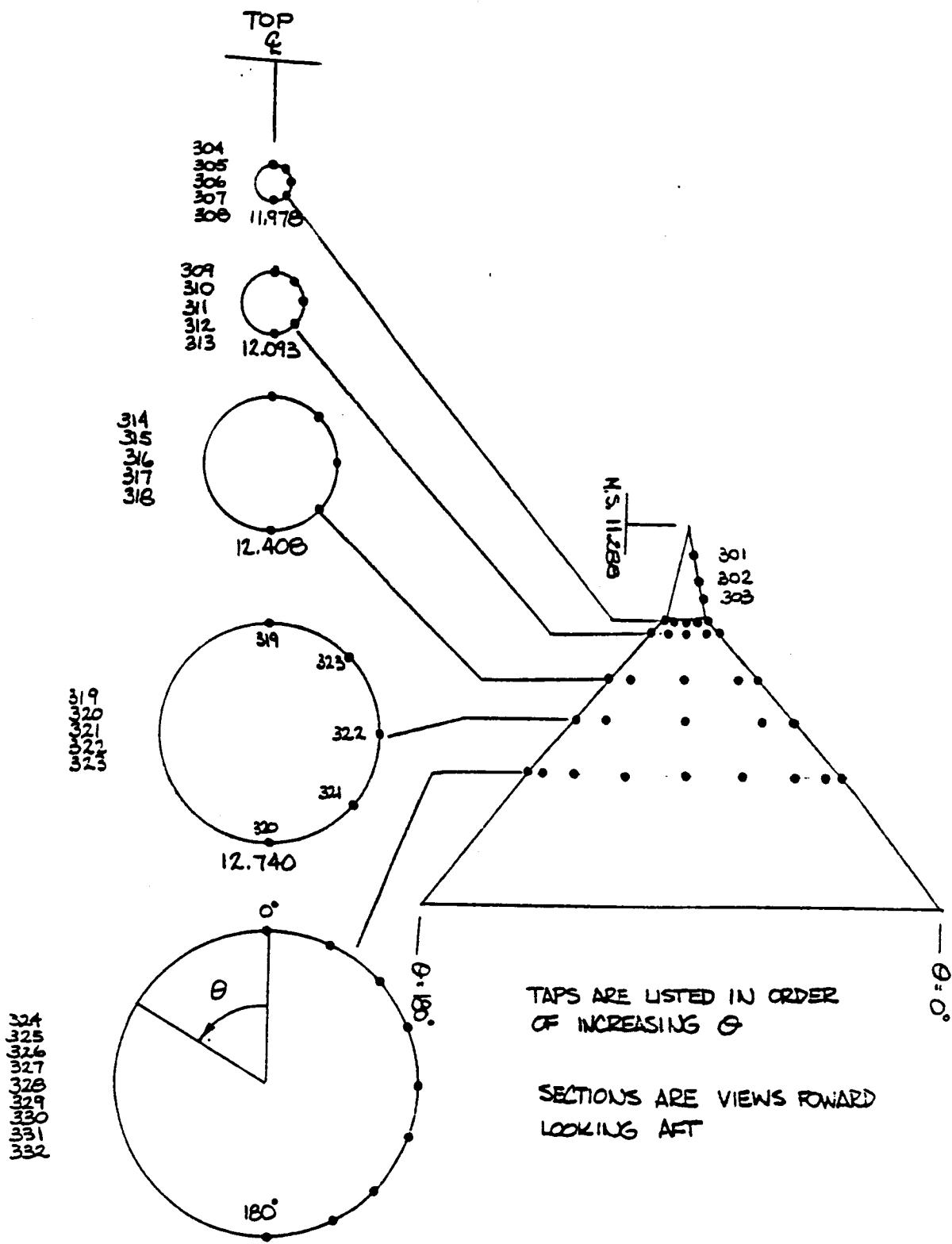
e. External Tank Instrumentation (Continued)
Figure 2. Continued.



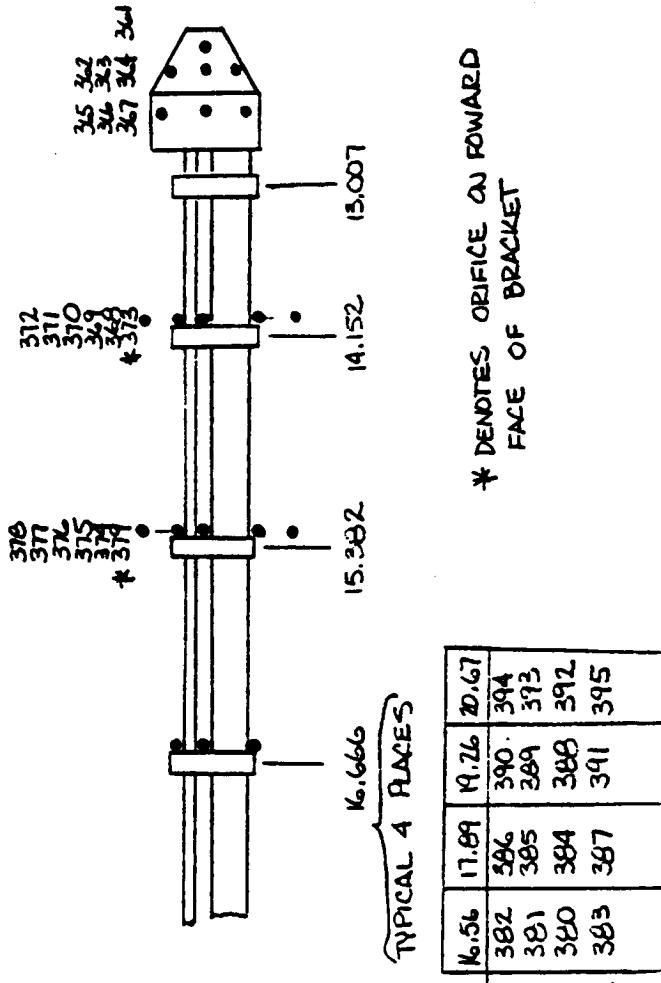
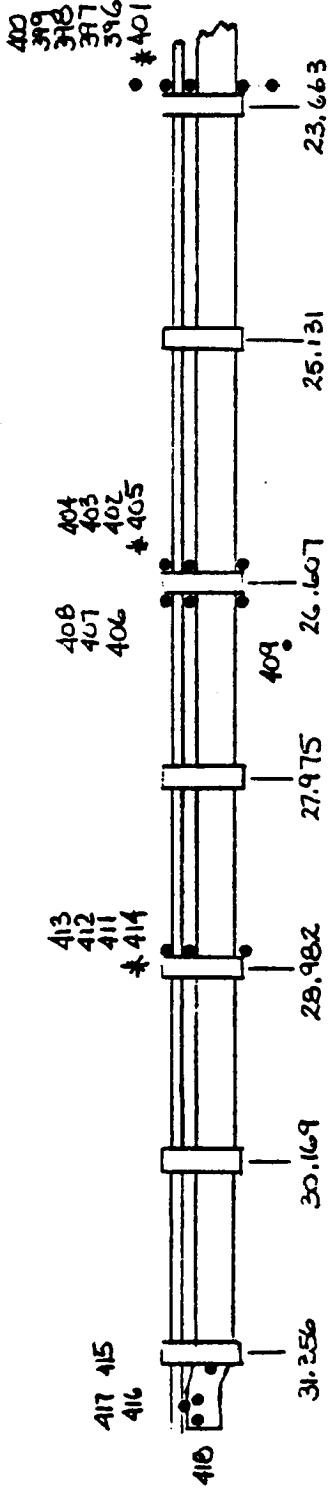
$$X_T = 51.240$$



e. External Tank Instrumentation (Concluded)
Figure 2. Continued.

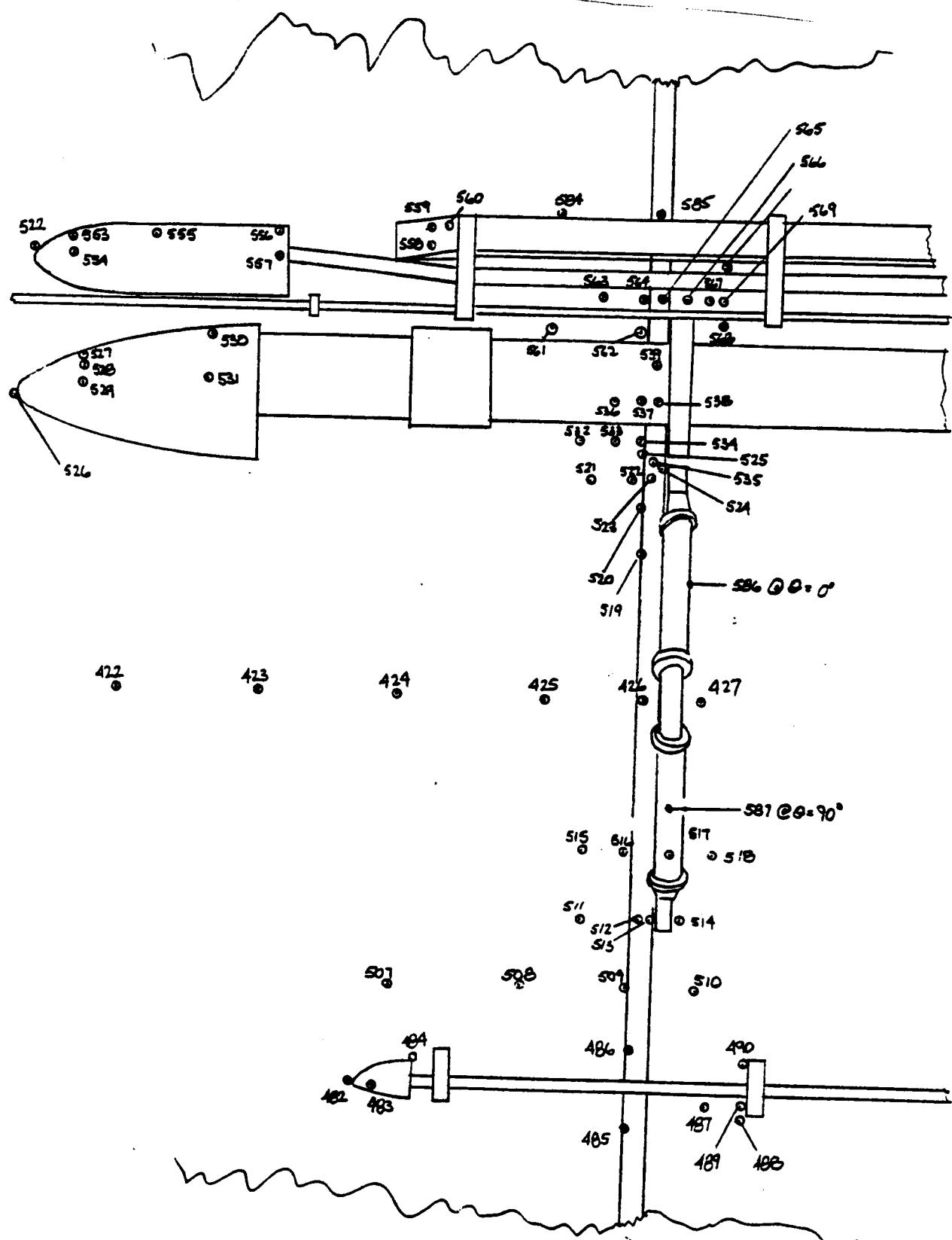


f. ET Nose Spike Instrumentation
Figure 2. Continued.

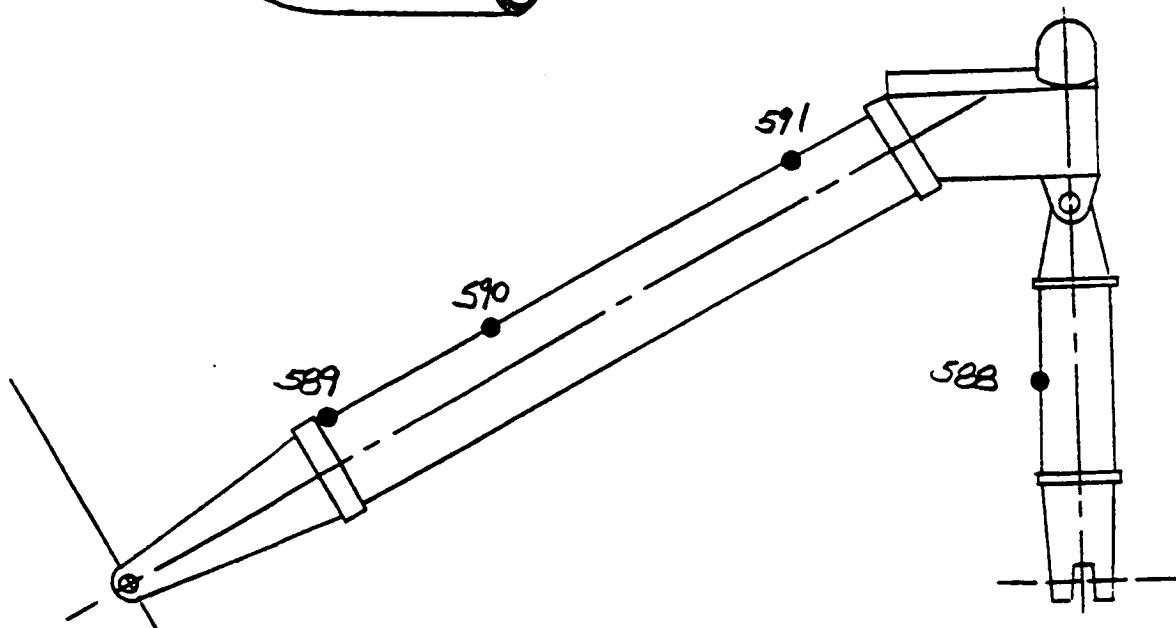
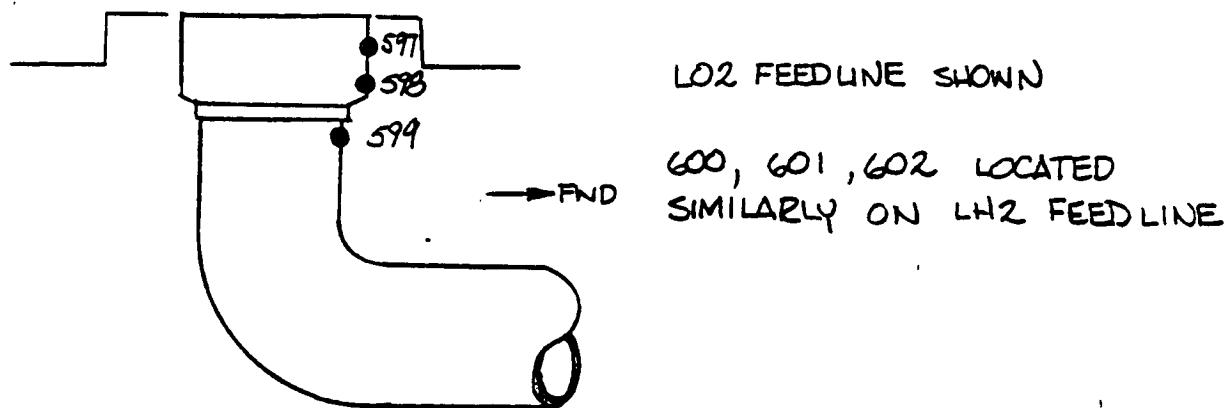
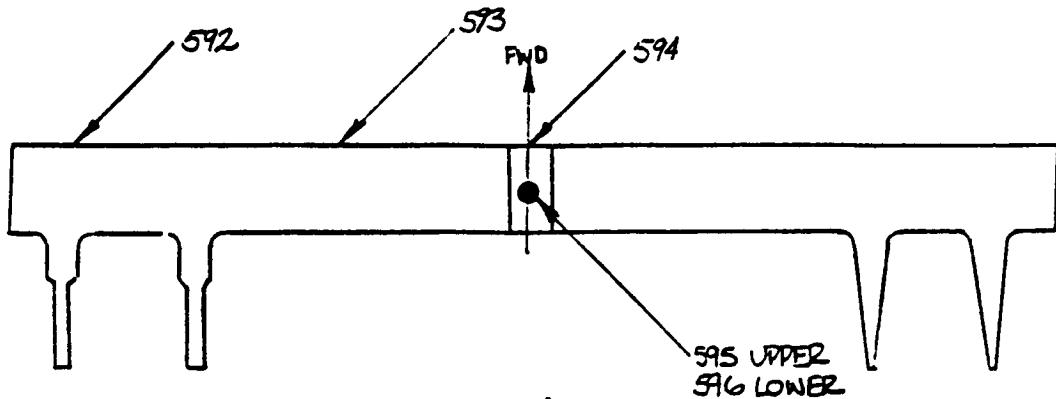


STA	16.56	17.89	19.26	20.67
	382	386	390	394
	381	385	389	393
	380	384	388	392
*	383	387	391	395

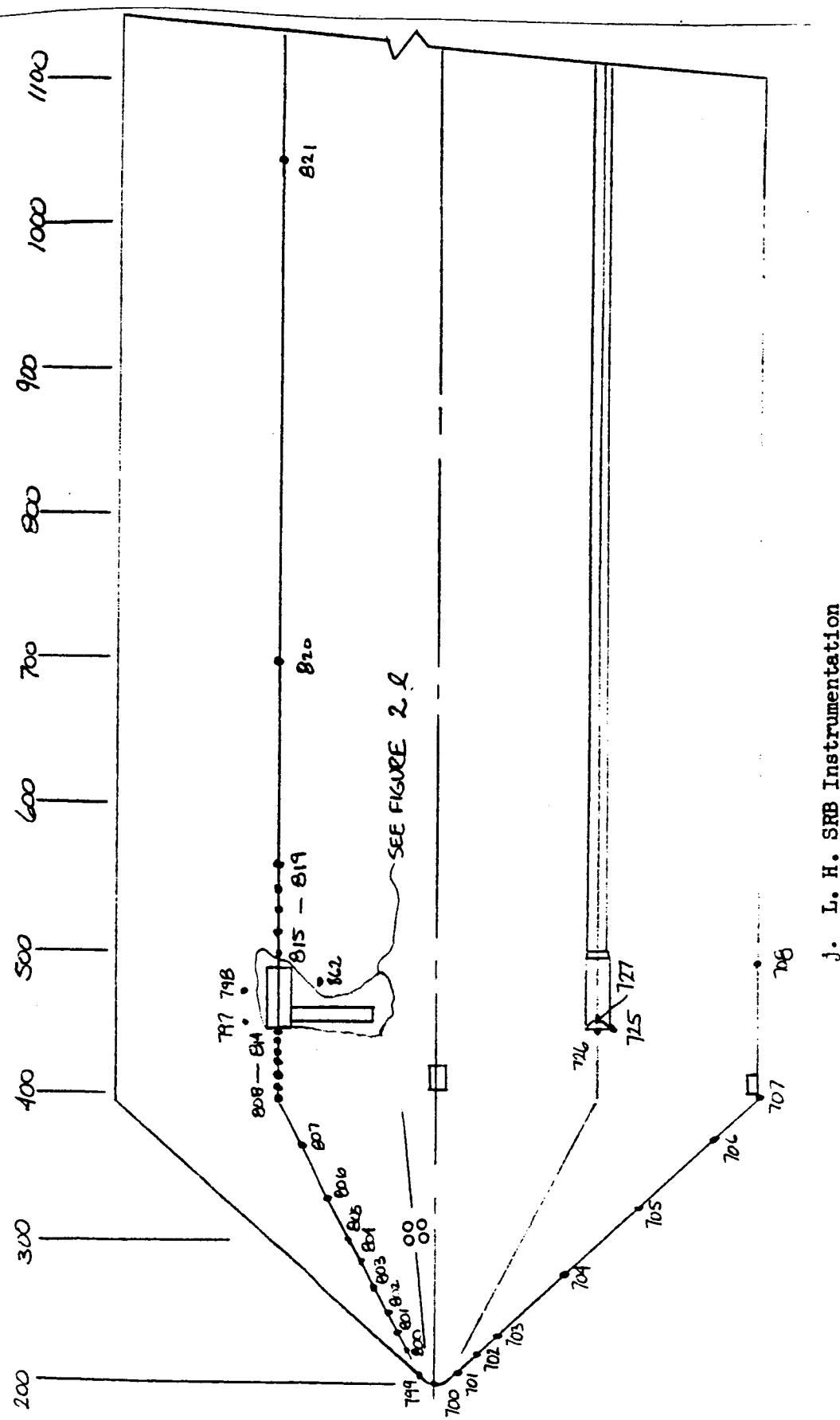
8. Ogive Cable Tray Instrumentation
Figure 2. Continued.



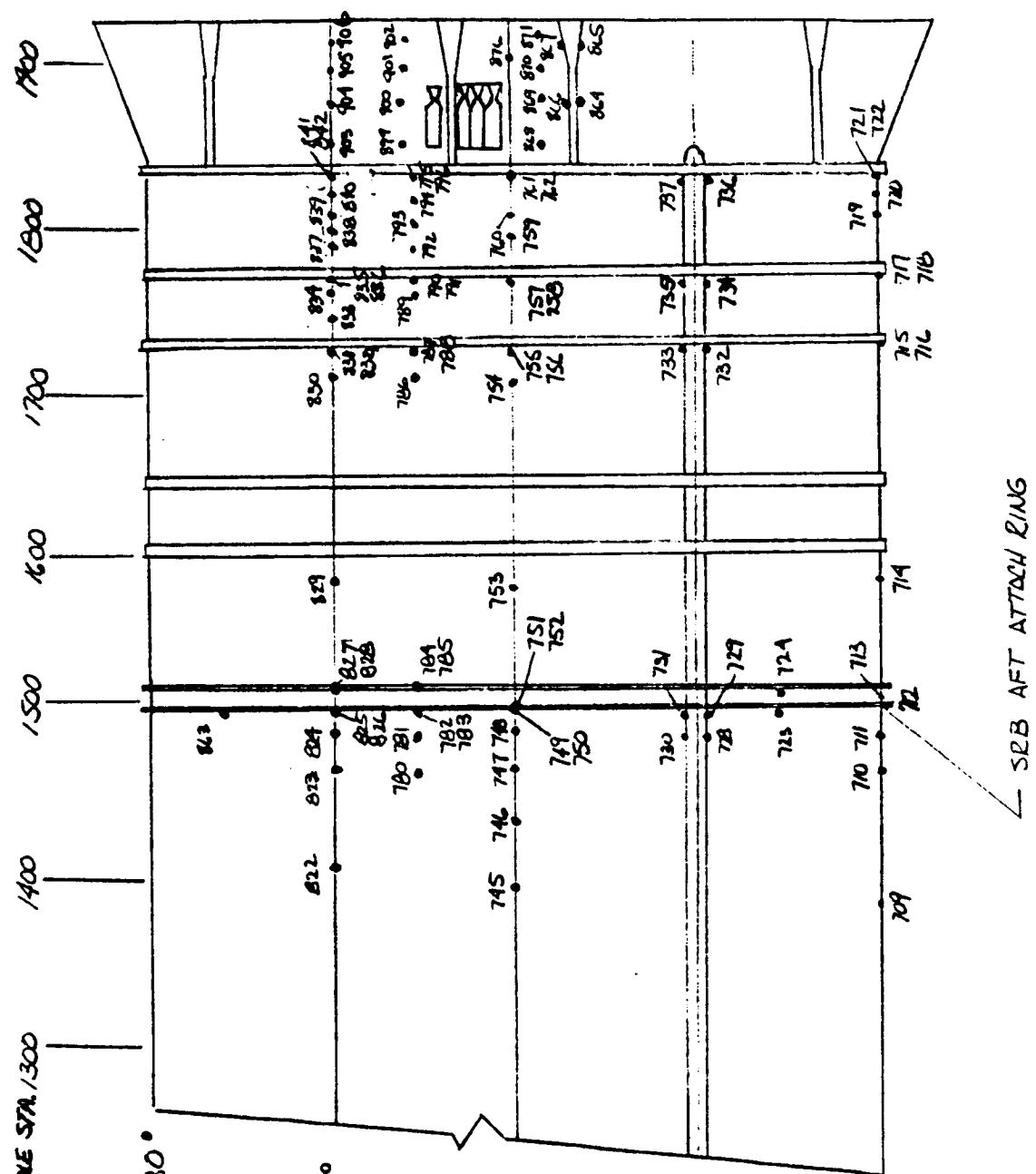
h. Intertank Instrumentation
Figure 2. Continued.



i. ET/Orbiter Connecting Hardware
Figure 2. Continued.

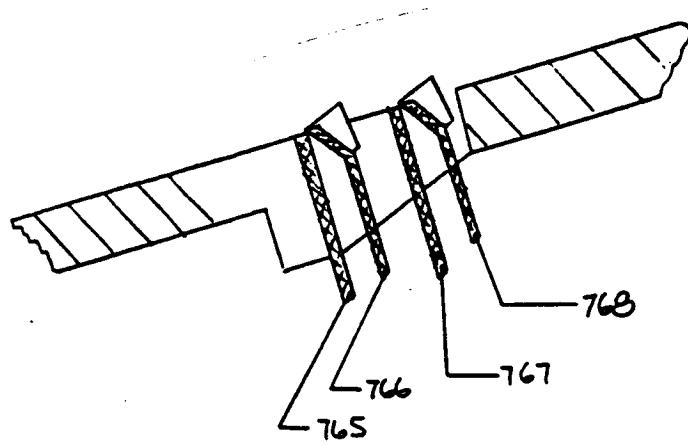


J. L. H. SRB Instrumentation
Figure 2. Continued.

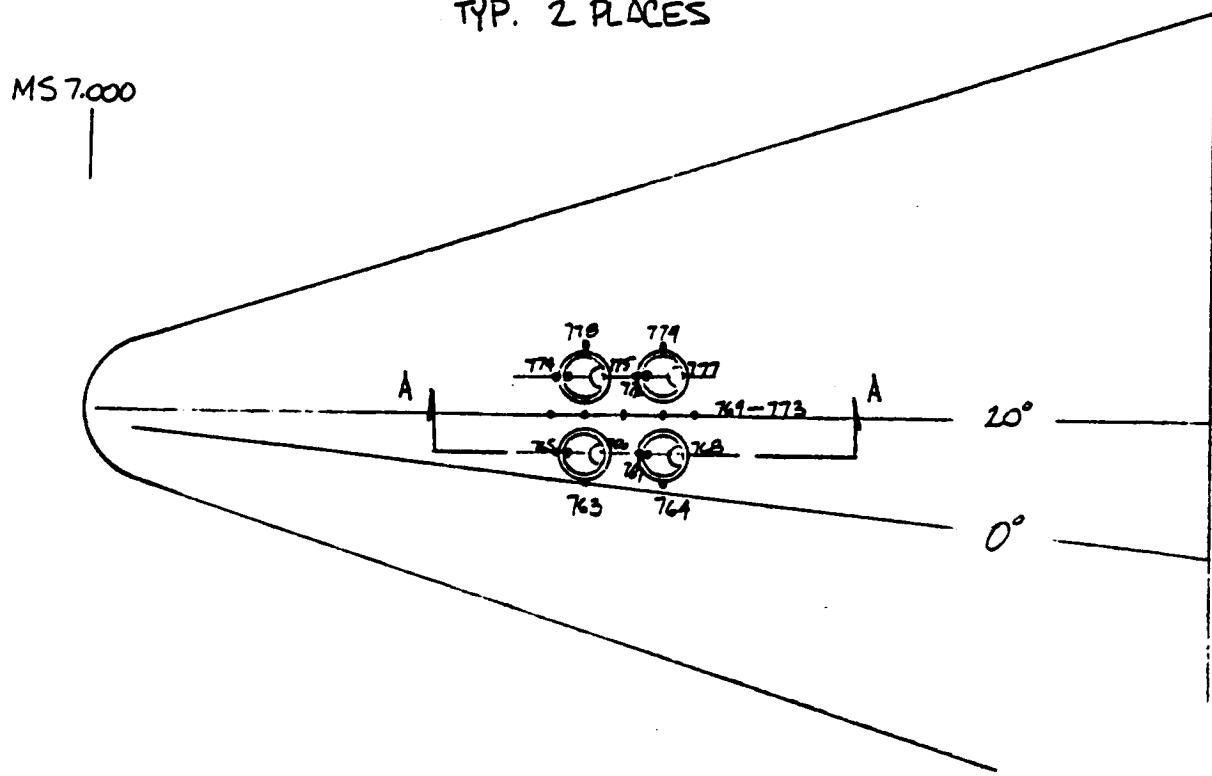


SRB AFT ATTACH RIGGING

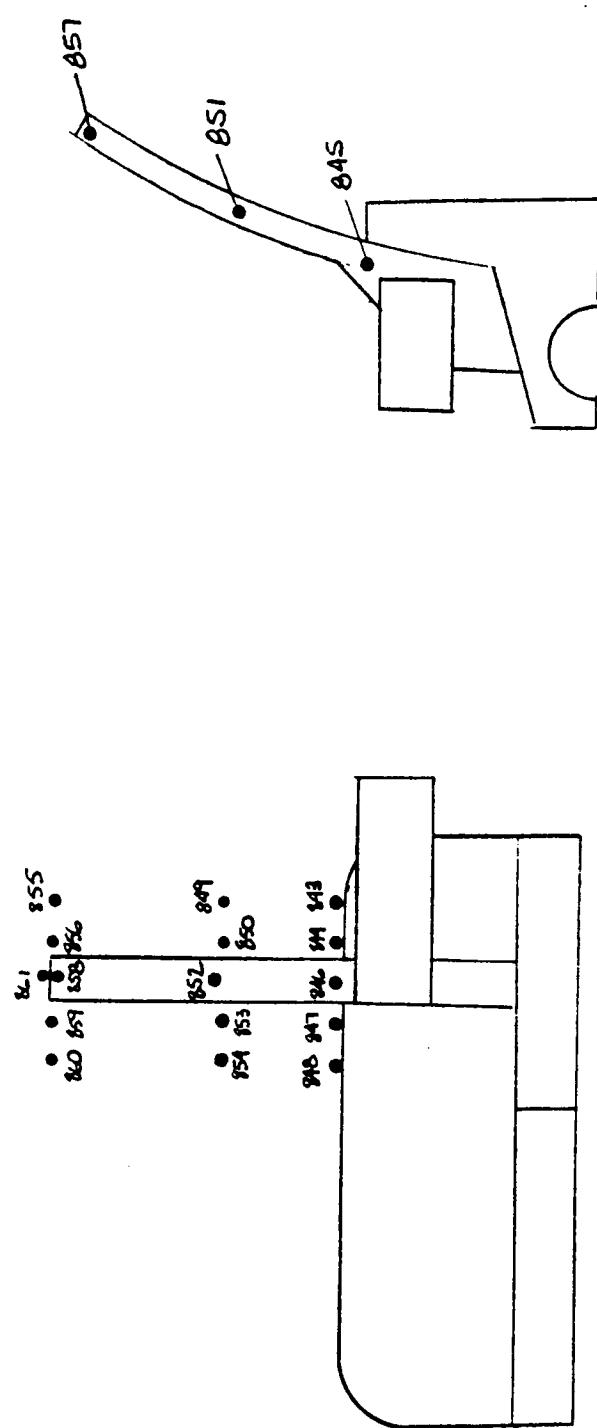
J. L. H. SRB Instrumentation (Continued)
Figure 2. Continued.



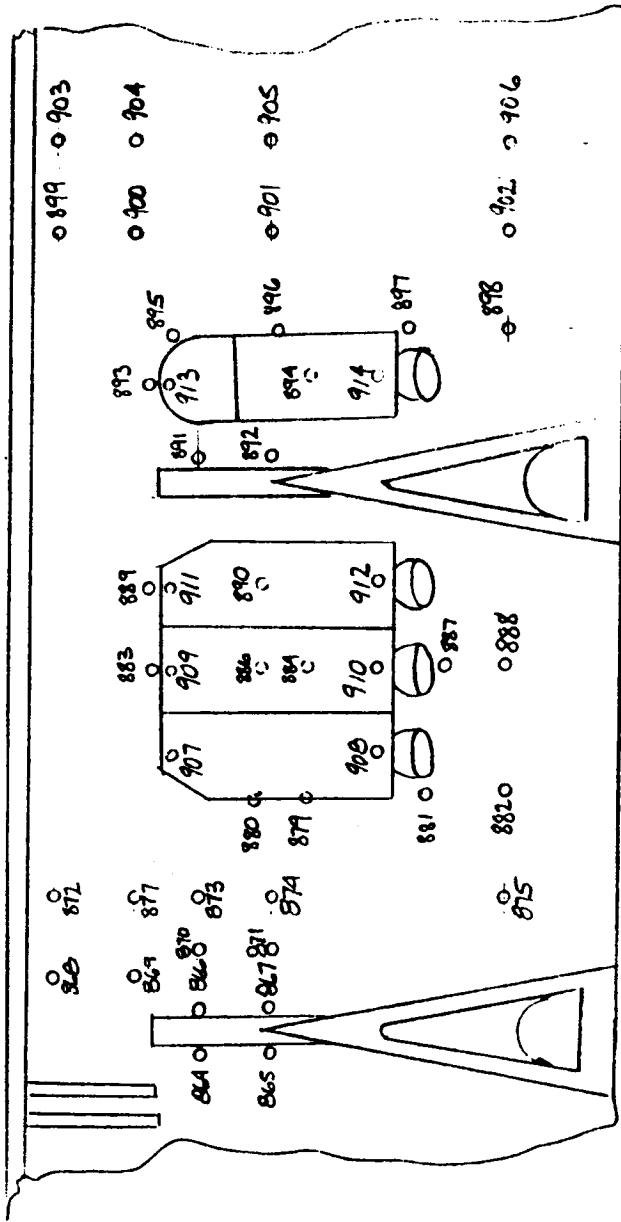
SECTION A - A
TYP. 2 PLACES



k. L. H. SRB Forward Thruster Instrumentation
Figure 2. Continued.

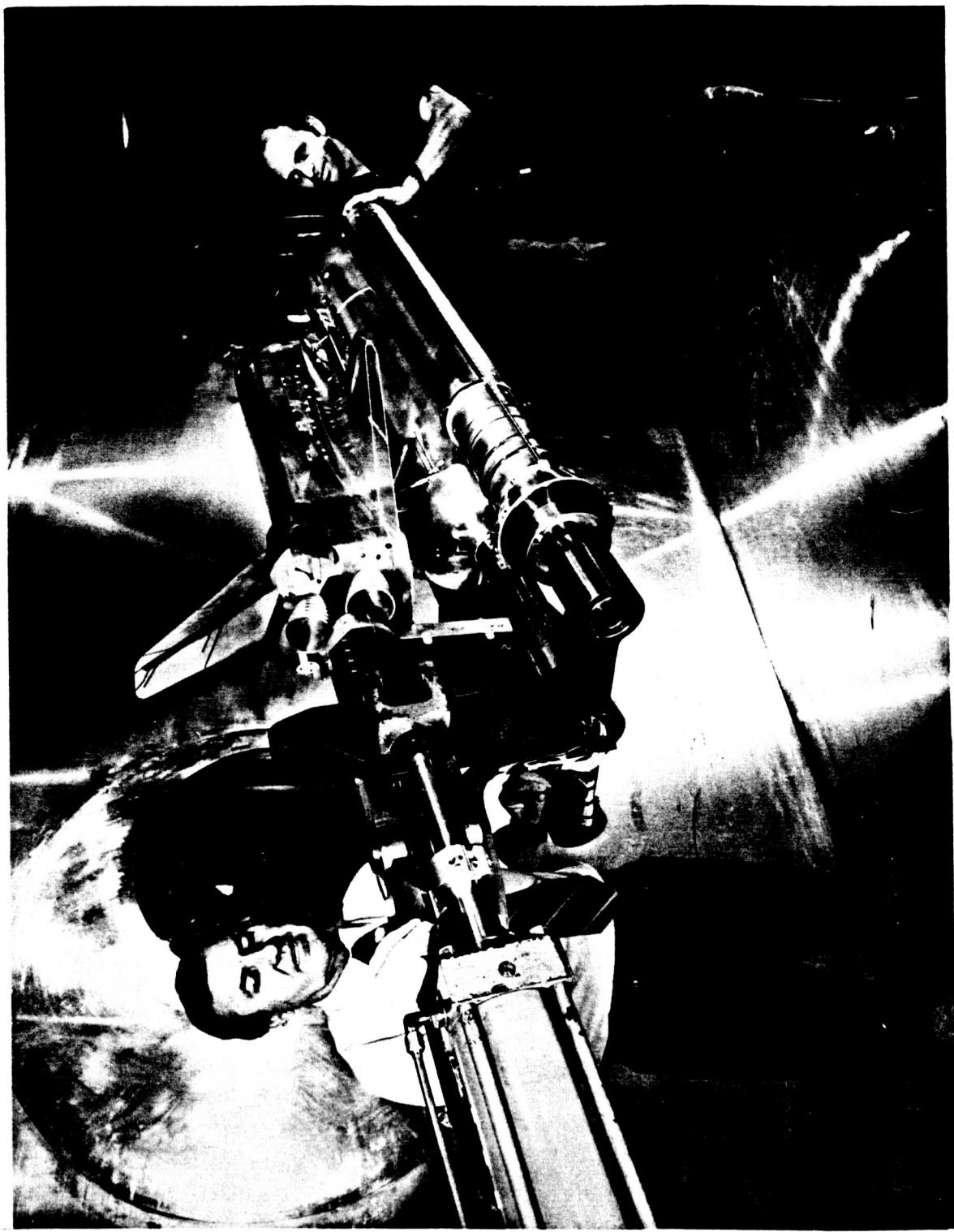


1. L. H. SRB Forward Cable Tray Instrumentation
Figure 2. Continued.



OFFICES 907 - 914 ARE ON TOP SEPARATION MOTORS
ALL OTHERS ARE AFT SKIRT SURFACE PRESSURES

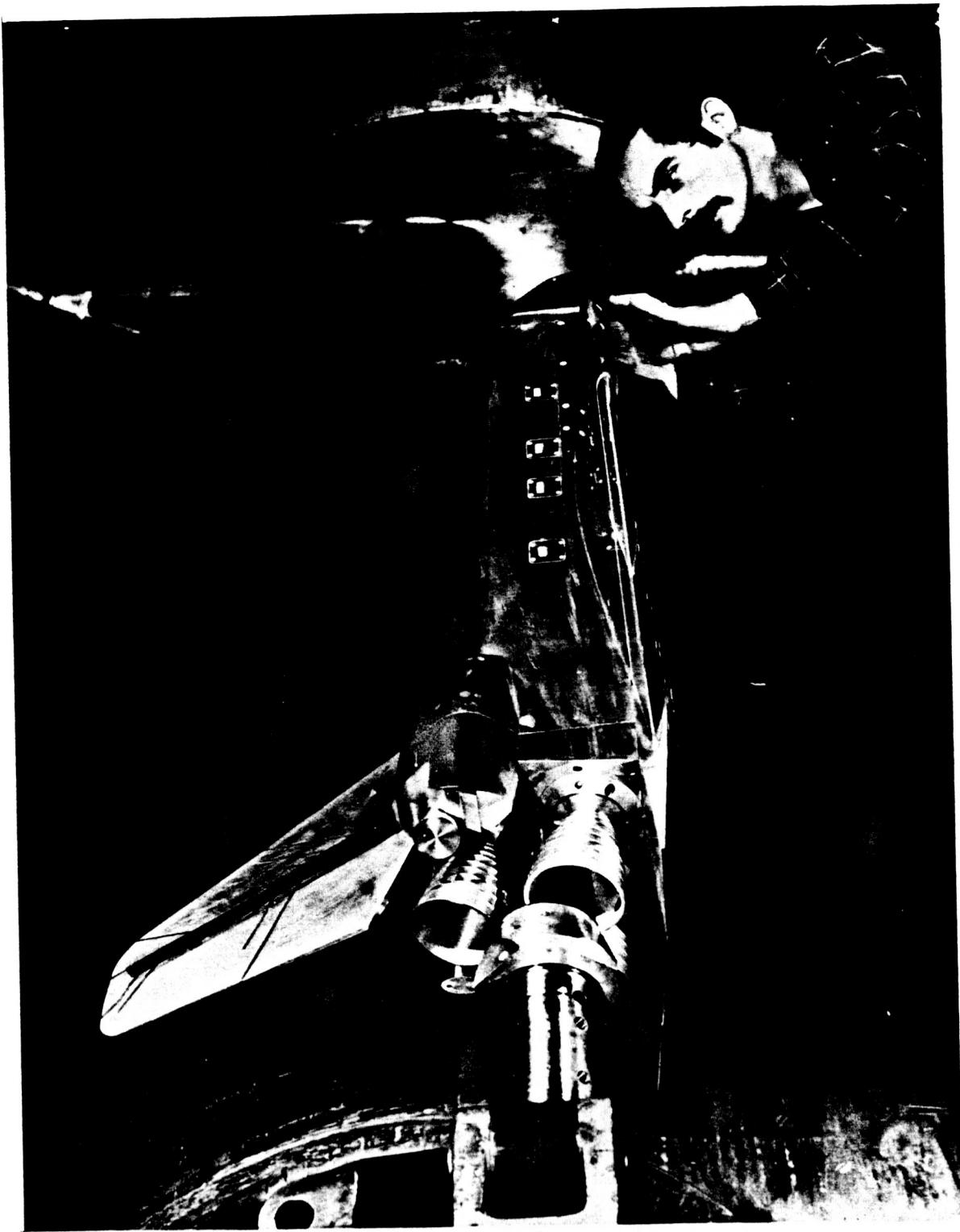
m. L. H. SRB Aft Separation Motors
Figure 2. Concluded.



a. Integrated Vehicle Configuration (ORS)
Figure 3. Model photographs.

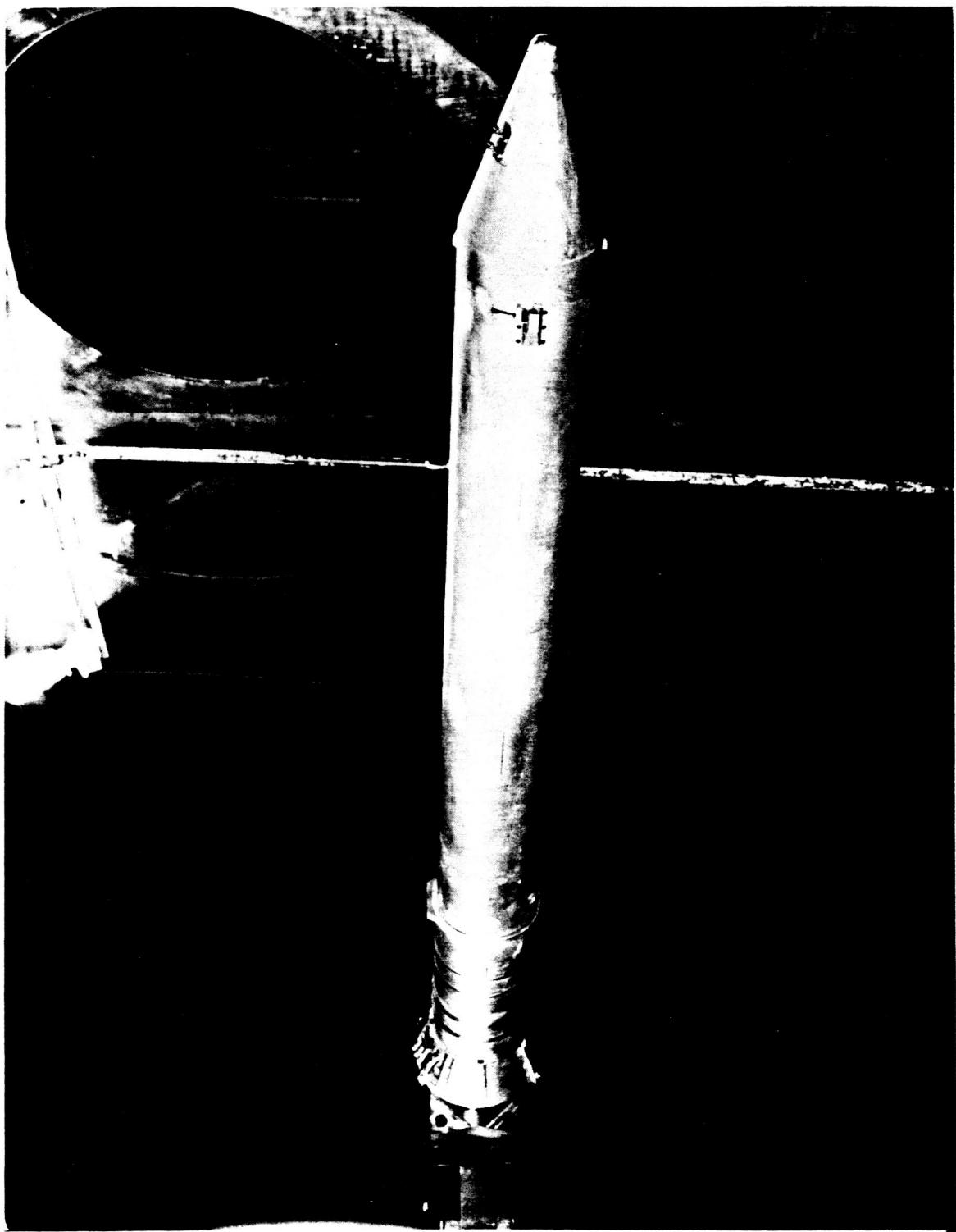


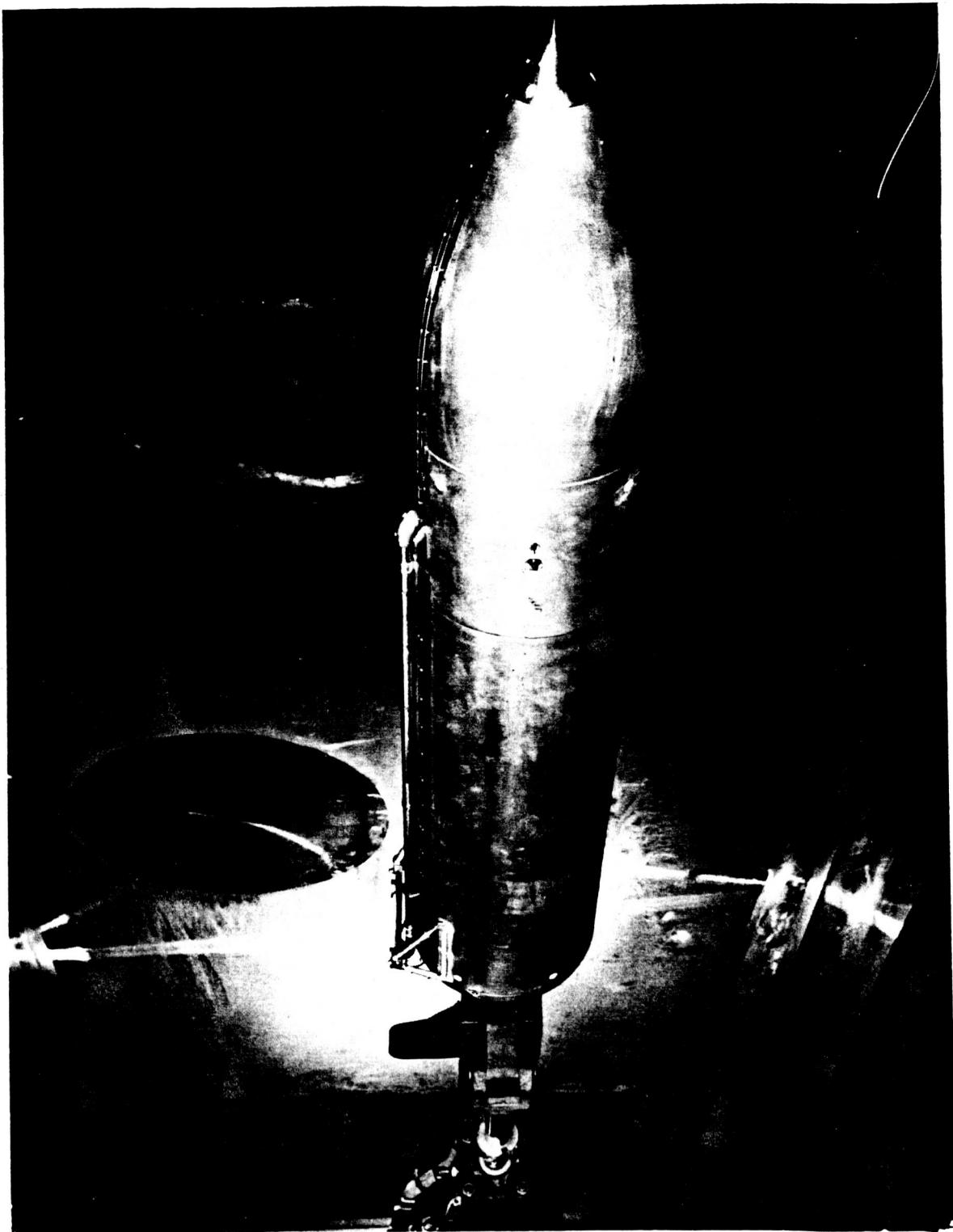
b. Orbiter-External Tank Configuration (OT)
Figure 3. Continued.



c. Orbiter Alone Configuration (O)
Figure 3. Continued.

d. Solid Rocket Booster Configuration (S)
Figure 3. Continued.





e. External Tank Configuration (T)
Figure 3. Concluded.

DATA FIGURES

(Available upon request)

APPENDIX
TABULATED SOURCE DATA

<u>VOLUME</u>	<u>DATASET 4TH CHARACTER</u>	<u>DESCRIPTION</u>	<u>PAGES</u>
I	B	Orbiter Fuselage	1-184
	L	Orbiter Lower Wing	185-276
	U	Orbiter Upper Wing	277-368
	V	Orbiter Vertical Tail	369-460
	Ø	Orbiter ØMS POD	461-552
	R	Orbiter Forward RCS	553-644
II	T	External Tank	645-1196
III	C	ET Cable Tray Fairing	1197-1288
	D	ET LO2 Bracket	1289-1380
	E	ET LH2 Bracket	1381-1472
	F	ET LO2 Feedline Fairing	1473-1564
	G	ET LO2 Feedline Bracket	1565-1656
	H	ET LO2 Antigeyser Fairing	1657-1748
	I	ET AFT Electrical Conduit Fairing	1749-1840
	J	ET LO2 Pressure Line Bracket	1841-1932
	A	ET Attach Hardware	1933-2024
	P	Total Pressure Rake	2025-2116
	S	Solid Rocket Booster, Left	2117-2451
	K	SRB Forward Separation Motor	2452-2518
IV	Q	SRB Protuberances	2519-2585
	M	SRB Aft Separation Motor	2586-2652
	N	SRB Attach Hardware	2653-2719

Tabulations of plotted data are available on request from Data Management Services.

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

PAGE 1197

(RGIC01)

E.T., CBL TRY FRNG

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
3	2.495	-5.000	2.160	1945.	114.8	500.1	287.8

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P11 PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP1/S1
3	15.000	.19000-01	362.00	806.8	7.027	.4149	1.384	-2.276	.6081
3	15.000	.22000-01	365.00	434.9	3.788	.2236	.6402	-3.019	.2120
3	31.500	.19000-01	363.00	771.2	6.717	.3965	1.313	-2.347	.5593
3	31.500	.22000-01	366.00	376.0	3.275	.1934	.5224	-3.137	.1665
3	33.070	.31500-01	416.00	120.7	1.051	.6200-01	.1170-01	-3.648	.3200-02
3	33.070	.31700-01	418.00	999.0	999.0	999.0	999.0	999.0	999.0
3	33.420	.31100-01	415.00	116.1	1.011	.5970-01	.2500-02	-3.657	.7000-03
3	47.000	.19000-01	364.00	684.2	5.959	.3518	1.129	-2.521	.4516
3	47.000	.22000-01	367.00	376.2	3.277	.1935	.5228	-3.137	.1667

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-OTS, E.T. CABLE TRAY FRNG

E.T. ,CBL TRY FRNG

PAGE 1198
(RGIC01)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	PO PSF A	P PSFA	Q PSF	T0 DEG R
3	2.495	.4009-02	2.160	1946.	114.9	500.3	288.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CPI/SI
3	15.000	.19000-01	362.00	770.1	6.705	.3958	1.310	-2.350	-.5574
3	15.000	.22000-01	365.00	365.9	3.186	.1881	.5018	-3.158	-.1589
3	31.500	.19000-01	363.00	742.1	6.461	.7814	1.254	-.406	-.5212
3	31.500	.22000-01	366.00	308.4	2.685	.1585	.3869	-3.273	-.1182
3	33.070	.31500	416.00	118.6	1.032	.6090-01	.7400-02	-3.652	-.2000-02
3	33.070	.31700	418.00	999.0	999.0	.999-0	.999-0	.999-0	.999-0
3	33.420	.31100	415.00	112.4	.9789	.5780-01	.4800-02	-3.664	.1300-02
3	47.000	.19000-01	364.00	689.2	6.000	.3542	1.148	-2.512	-.4571
3	47.000	.22000-01	367.00	330.0	2.873	.1696	.4300	-3.229	-.1331

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

E.T. CBL TRY FRNG
E.T. CABLE TRAY FRNG

PAGE 1199
IH11. MODEL 84-OTS. E.T. CABLE TRAY FRNG
(RGIC01)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
3	2.495	5.016	X10 ⁶ 2.161	1946.	114.9	500.3	287.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(L) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CP(SI)
3	15.000	.19000-01	362.00	831.5	7.240	.4274	1.433	-2.227	-.6432
3	15.000	.22000-01	365.00	281.5	2.477	.1463	.3392	-3.320	-.1022
3	31.500	.19000-01	363.00	851.7	7.503	.4429	1.493	-2.167	-.6891
3	31.500	.22000-01	366.00	297.0	2.586	.1527	.3642	-3.295	-.1105
3	33.070	.22000-01	366.00	416.00	1.151	.5310-01	.4000-03	-3.659	-.1000-03
3	33.070	.31700	418.00	999.0	999.0	999.0	999.0	999.0	999.0
3	33.420	.31100	415.00	112.9	.9831	.5800-01	-.3900-02	-3.663	.1100-02
3	47.000	.19000-01	364.00	832.2	7.245	.4277	1.434	-2.226	-.6442
3	47.000	.22000-01	367.00	300.8	2.619	.1546	.3717	-3.288	-.1130

ORIGINAL PAGE IS
OF POOR QUALITY.

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, E.T. CABLE TRAY FRNG

E.T. CBL TRY FRNG

PAGE 1200
(RG1C01)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P ₀ PSFA	Q ₀ PSF	T ₀ DEG R
9	2.989	5.010	1.966	2449.	67.80	424.0	241.5

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁ PSFA	P ₁ /P	P ₁ /P ₀	CP(11)	CP(S1)	CP(1)	
9	15.000	.19000-01	362.00	556.9	8.215	.2274	1.154	-4.463	-2585	
9	15.000	.22000-01	365.00	230.6	3.402	.9420-01	.3841	-5.233	-7340-01	
9	31.500	.19000-01	363.00	538.1	7.937	.2197	1.109	-4.507	-2461	
9	31.500	.22000-01	366.00	222.8	3.287	.9100-01	.3657	-5.251	-6960-01	
9	33.070	.21000-01	366.00	55.15	8.134	.2250-01	.2980-01	-5.647	.5300-02	
9	33.070	.31500	416.00	68.12	1.005	.2780-01	.8000-03	-5.616	-1000-03	
9	33.420	.31700	418.00	51.69	.7624	.2110-01	.3800-01	-5.655	.6700-02	
9	47.000	.31100	415.00	514.4	7.588	.2101	1.053	-4.563	-2309	
9	47.000	.19000-01	364.00	240.0	3.539	.9800-01	.4081	-5.211	-7790-01	
9	47.000	.22000-01	367.00							

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

E.T., CBL TRY FRNG
E.T., CBL TRY FRNG

PAGE 1201
(RGIC01)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P _S PSFA	Q PSF	T ₀ DEG R
9	2.989	-4.988	1.987	2451.	67.80	424.1	239.6

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁₁ PSFA	P ₁ /P	P ₁ /P ₀	CP(1)	CP(S1)	CP(S2)
9	15.000	.19000-01	362.00	658.6	9.714	.2687	1.393	-4.226	-.3297
9	15.000	.22000-01	365.00	334.2	4.929	.1364	.6282	-4.991	-.1259
9	31.500	.19000-01	363.00	625.5	9.226	.2552	1.315	-4.304	-.3056
9	31.500	.22000-01	366.00	276.0	4.072	.1126	.4911	-5.128	-.9580-01
9	33.070	.31500	416.00	66.76	.9847	.4720-01	-.2500-02	-5.621	.4000-03
9	33.070	.31700	418.00	71.91	1.061	.2930-01	.9700-02	-5.609	-.1700-02
9	33.420	.31100	415.00	62.52	.9222	.2550-01	-.1240-01	-5.631	.2200-02
9	47.000	.19000-01	364.00	548.5	8.091	.2238	1.134	-4.485	-.2528
9	47.000	.22000-01	367.00	269.2	3.971	.1099	.4750	-5.144	-.9230-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-OTS. E.T. CABLE TRAY FRNG

E.T. CBL TRY FRNG

PAGE 1202
(RGIC01)

PARAMETRIC DATA

BETA = -5.000

••• TEST CONDITIONS •••

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	PO PSFA	P PSFA	Q PSF	TO DEG R
9	2.989	.1397-01	1.986	2449.	67.75	423.8	239.6

••• TEST DATA •••

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CPI/SI
9	15.000	.19000-01	362.00	623.8	9.208	2548	1.312	-4.306	-.3047
9	15.000	.22000-01	365.00	284.7	4.202	1.163	.5119	-5.107	-.1002
9	31.500	.19000-01	363.00	595.8	8.794	.2433	1.246	-4.373	-.2850
9	31.500	.22000-01	366.00	249.4	3.682	.019	.4288	-5.190	-.8260-01
9	33.070	.31500	416.00	56.45	.8332	.2310-01	-.2670-01	-5.645	.4700-02
9	33.070	.31700	418.00	65.25	.9630	.2660-01	-.5900-02	-5.625	.1100-02
9	33.420	.31100	415.00	50.57	.7464	.2070-01	-.4050-01	-5.659	.7200-02
9	47.000	.19000-01	364.00	546.0	8.059	.2230	1.128	-4.490	-.2513
9	47.000	.22000-01	367.00	256.2	3.781	.1046	.4446	-5.174	-.8590-01

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DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
E. T. CBL TRY FRNG

IH11. MODEL 84-OTS. E. T. CABLE TRAY FRNG

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS							
RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P PSF	T ₀ DEG R	
9	2.989	4.983	1.986	2451.	67.82	424.2	239.8
TEST DATA							
RUN NUMBER	THETA	X/LREF	TAP NO	P ₁ /P ₀ PSF A	P ₁ /P ₀	CP(1)	CP(SI)
9	15.000	.19000-01	362.00	559.8	8.254	.2284	-4.459
9	15.000	.22000-01	365.00	231.5	3.413	.9440-01	-.2601
9	31.500	.19000-01	363.00	535.2	7.892	.2183	-.7270-01
9	31.500	.22000-01	366.00	224.1	3.304	.9140-01	-.2439
9	33.070	.31500-01	416.00	53.65	.7911	.2190-01	-.7020-01
9	33.070	.31700	418.00	65.12	.9602	.2660-01	.5900-02
9	33.420	.31100	415.00	51.40	.7580	.2100-01	.1100-02
9	47.000	.19000-01	364.00	512.0	7.549	.2089	.6800-02
9	47.000	.22000-01	367.00	241.9	3.567	.9870-01	-.2290

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-CTS, E.T. CABLE TRAY FRNG

E.T., CBL TRY FRNG

PAGE 1204
(RGIC01)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P ₀ PSF A	P ₀ PSF A	Q PSF	TO DEG R
6	3.510	-4.970	1.808	3477.	44.92	387.5	213.7

TEST DATA

RUN NUMBER	THE TA	X/LREF	TAP NO	P(1) PSFA	P ₁ /P	P ₁ /P ₀	CPI(1)	CPI(SI)	CPI/SI
6	15.000	.19000-01	362.00	629.4	14.01	.1810	1.508	-7.350	-.2052
6	15.000	.22000-01	365.00	306.9	6.831	.8820-01	.6760	-8.182	-.8260-01
6	31.500	.19000-01	363.00	588.9	13.11	.1693	1.404	-7.454	-.1883
6	31.500	.22000-01	366.00	244.9	5.452	.7040-01	.5161	-8.342	-.6190-01
6	33.070	.311500	416.00	38.65	.8604	.1110-01	.1620-01	-8.874	-.1800-02
6	33.070	.311700	418.00	53.64	1.134	.1540-01	.2250-01	-8.835	-.2500-02
6	33.420	.311100	415.00	35.71	.7949	.1030-01	.2380-01	-8.882	-.2700-02
6	47.000	.19000-01	364.00	514.8	11.46	.1480	1.213	-7.645	-.1586
6	47.000	.22000-01	367.00	239.4	5.328	.6880-01	.5017	-8.356	-.6000-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

E.T. CBL TRY FRNG

IHII, MODEL 84-OTS, E.T. CABLE TRAY FRNG

PARAMETRIC DATA

BETA = -5.000

RUN NUMBER	MACH	ALPHA DEG.	TEST CONDITIONS				TEST DATA
			RN/FT /FT X10 6	P0 PSFA	P PSFA	Q PSF	
6	3.510	- .5379-01	1.804	3476.	44.91	387.4	213.9
RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)
6	15.000	.19000-01	362.00	564.8	12.58	.1625	1.342
6	15.000	.22000-01	365.00	265.7	5.915	.7640-01	.5698
6	31.500	.19000-01	363.00	550.9	12.27	.1585	1.306
6	31.500	.22000-01	366.00	239.2	5.326	.6980-01	.5015
6	33.070	.311500	416.00	34.36	7.650	.5300-02	.2720-01
6	33.070	.311700	418.00	45.45	1.012	.1310-01	.1400-02
6	33.420	.311100	415.00	31.68	.7053	.9100-02	.8.856
6	47.000	.19000-01	364.00	500.8	11.15	.1441	1.177
6	47.000	.22000-01	367.00	239.8	5.339	.6900-01	.5030

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(RGIC01)

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IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-OTS. E.T. CABLE TRAY FRNG

E.T..CBL TRY FRNG

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(RGIC01)

PARAMETRIC DATA

BETA = -5.000

				TEST CONDITIONS***					
RUN NUMBER	MACH	ALPHA DEG.		PN/FT /FT X10 ⁻⁶	PO PSFA	P PSFA	Q PSF	TO DEG R	
6	3.510	5.024		1.804	3474.	44.69	387.2	213.9	
TEST DATA									
RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P/I/P	P/I/FO	CP(I)	CP(SI)	CPI/SI
6	15.000	.19000-01	362.00	523.1	11.65	.1506	1.235	-7.622	-.1620
6	15.000	.22000-01	365.00	212.9	4.742	.6130-01	.4338	-8.423	-.5150-01
6	31.500	.19000-01	363.00	536.1	11.94	.1543	1.269	-7.589	-.1672
6	31.500	.22000-01	366.00	202.6	4.513	.5930-01	.4072	-8.450	-.4820-01
6	33.070	.31500	416.00	31.51	.7019	.5100-02	.3460-01	-8.892	.3900-02
6	33.070	.31700	418.00	44.69	.9956	.1290-01	.5000-03	-8.858	.1000-03
6	33.420	.31100	415.00	29.09	.6480	.8400-02	.4080-01	-8.898	.4600-02
6	47.000	.19000-01	364.00	481.3	10.72	.1365	1.127	-7.730	-.1458
6	47.000	.22000-01	367.00	209.5	4.667	.6030-01	.4251	-8.432	-.5040-01

DATE 01 OCT 80

IHI1 INTEGRATED VEHICLE PRESSURE DATA

IHI1. MODEL 84-OTS. E.T. CABLE TRAY FRNG

E.T..CBL TRY FRNG

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(RGIC02)

PARAMETRIC DATA

BETA = .0000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	TO DEG R
2	.2495	5.028	2.160	1945.	114.8	500.2	287.8

TEST CONDITIONS

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P/I/P	P/I/FO	CP(I)	CP(SI)	CPI/SI
2	15.000	.19000-01	362.00	723.5	6.301	.3720	1.217	-2.442	-.4983
2	15.000	.22000-01	365.00	290.5	2.530	.1494	.3613	-3.308	-.1062
2	15.000	.19000-01	363.00	753.2	6.559	.3872	1.275	-2.383	-.5355
2	31.500	.22000-01	366.00	292.1	2.544	.1501	.3514	-3.305	-.1072
2	31.500	.31500	416.00	100.0	.8712	.5140-01	-.2960-01	-3.689	.8000-02
2	33.070	.31700	418.00	999.0	999.0	999.0	999.0	999.0	999.0
2	33.070	.31100	415.00	88.55	.7712	.4550-01	-.5550-01	-3.712	.1420-01
2	33.420	.19000-01	364.00	762.9	6.644	.3922	1.296	-2.364	-.5481
2	47.000	.22000-01	367.00	377.5	3.287	.1940	.5251	-3.134	-.1675

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IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-OTS, E.T. CABLE TRAY FRNG

E.T..CBL TRY FRNG

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(RGIC02)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	TO DEG R
2	2.495	-.2788-01	2.160	1946.	114.9	500.3	288.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CPI/SI
2	15.000	.19000-01	362.00	760.2	6.619	.3907	1.290	-2.370	-.5444
2	15.000	.22000-01	365.00	375.1	3.266	.1928	.5201	-3.139	-.1657
2	31.500	.19000-01	363.00	771.3	6.716	.3964	1.312	-.2.347	-.5590
2	31.500	.22000-01	366.00	351.4	3.060	.1806	.4729	-3.187	-.1484
2	33.070	.31500	416.00	87.85	.7649	.4520-01	.5400-01	-3.713	.1450-01
2	33.070	.31700	418.00	999.0	999.0	.9990	.999.0	.999.0	.999.0
2	33.420	.31100	415.00	77.47	.6745	.3980-01	-.7470-01	-3.734	.2000-01
2	47.000	.19000-01	364.00	748.2	6.514	.3845	1.266	-2.394	.5289
2	47.000	.22000-01	367.00	414.0	3.605	.2128	.5980	-3.062	-.1953

DATE 01 OCT 80

E.T., CBL TRY FRNG

IHII. INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-OTS, E.T. CABLE TRAY FRNG

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	P0 PSFA	P PSFA	Q PSF	TO DEG R
2	2.495	-4.996	2.162	1946.	114.9	500.4	287.8

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CP1/SI
2	15.000	.19000-01	362.00	804.3	7.001	.4133	1.378	-2.282	-.6038
2	15.000	.22000-01	365.00	446.4	3.886	.2294	.5625	-2.997	-.2211
2	31.500	.19000-01	363.00	803.4	6.994	.4129	1.376	-2.283	-.6026
2	31.500	.22000-01	366.00	426.6	3.714	.2192	.6230	-3.037	-.2052
2	33.070	.31500	416.00	99.31	.8615	.5100-01	.3110-01	-3.691	.8400-02
2	33.070	.31700	418.00	99.0	999.0	999.0	999.0	999.0	999.0
2	33.420	.31100	415.00	90.07	.7841	.4630-01	.4960-01	-3.709	1.340-01
2	47.000	.19000-01	364.00	74.92	6.521	.3850	1.268	-2.392	.5299
2	47.000	.22000-01	367.00	466.0	4.056	.2394	.7016	-2.958	.2372

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-OTS, E.T. CABLE TRAY FRNG

E.T. CBL TRY FRNG

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(RGIC02)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P ₀ PSF A	TO DEG R
8	2.989	5.010	1.990	2453.	67.87	424.6
						239.6

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁ PSFA	P ₁ /P	P ₁ /P ₀	C _{P(1)}	C _{P(SI)}	C _{P(SI)}
8	15.000	.19000-01	362.00	581.5	8.567	.2370	1.210	-4.409	-.2744
8	15.000	.22000-01	365.00	239.5	3.529	.9760-01	.4044	-5.215	-.7750-01
8	31.500	.19000-01	363.00	607.9	8.956	.2478	1.272	-4.347	-.2926
8	31.500	.22000-01	366.00	239.4	3.526	.9760-01	.4039	5.215	-.7740-01
8	33.070	.31500	416.00	49.75	.7330	.030-01	-.4270-01	5.662	.7500-02
8	33.070	.31700	418.00	52.83	.7784	.2150-01	-.3540-01	5.655	.6300-02
8	33.420	.31100	415.00	43.79	.6451	.1780-01	-.5670-01	5.676	.1000-01
8	47.000	.19000-01	364.00	589.2	8.566	.2397	1.226	-4.393	-.2790
8	47.000	.22000-01	367.00	303.0	4.464	.1235	.5538	-5.065	-.1093

DATE 01 OCT 80

E.T. CBL TRY FRNG

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-OTS, E.T. CABLE TRAY FRNG

PARAMETRIC DATA

BETA = .0000

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(RGIC02)

RUN NUMBER	MACH	ALPHA DEG.	TEST CONDITIONS			Q PSF	TO DEG R
			RN/FT /FT	P0 PSFA	P PSFA		
8	2.989	.1397-01	X10 6 1.988	2451.	67.81	424.2	239.6
TEST DATA							
RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P0	CP(1)	CP(SI)
8	15.000	.190000-01	362.00	625.0	9.217	2550	1.314
8	15.000	.220000-01	365.00	286.7	4.228	.1170	.5160
8	31.500	.190000-01	363.00	627.3	9.251	.2559	1.319
8	31.500	.220000-01	366.00	266.4	3.928	.1087	.4682
8	33.070	.31500	416.00	45.69	.6738	.1860-01	-5.671
8	33.070	.31700	418.00	50.42	.7435	.2060-01	-4.100-01
8	33.420	.31100	415.00	44.13	.6508	.1800-01	-5.660
8	47.000	.190000-01	364.00	612.1	9.027	.2497	.1.283
8	47.000	.220000-01	367.00	314.3	4.634	.1282	.5810

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DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-OTS, E.T. CABLE TRAY FRNG

E.T. CBL TRY FRNG

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(RGIC02)

PARAMETRIC DATA

BETA = .0000

••• TEST CONDITIONS •••

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	TO DEG.R
8	2.989	-5.000	1.985	2448.	67.75	423.7	239.7

••• TEST DATA •••

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CP(SI)
8	15.000	.19000-01	362.00	666.1	9.832	.2720	1.412	-4.206	-.3357
8	15.000	.22000-01	365.00	351.5	5.188	.1435	.6695	-4.949	-.1353
8	31.500	.19000-01	363.00	664.4	9.807	.2713	1.408	-4.211	-.3344
8	31.500	.22000-01	366.00	323.9	4.781	.1323	.6045	-5.014	-.1206
8	33.070	.31500	416.00	56.46	.8333	.5310-01	-.2660-01	-5.645	.4700-02
8	33.070	.31700	418.00	55.71	.8223	.2280-01	-.2840-01	-5.647	.5000-02
8	33.420	.31100	415.00	54.04	.7976	.2210-01	-.3240-01	-5.651	.5700-02
8	47.000	.19000-01	364.00	615.8	9.090	.2515	1.294	-4.325	.2991
8	47.000	.22000-01	367.00	347.3	5.127	.1419	.6598	-4.959	-.1331

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

E.T., CBL TRY FRNG

IH11, MODEL 84-OTS, E.T. CABLE TRAY FRNG

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ /PSFA	P _A /PSFA	Q _{PSF}	T ₀ DEG R
5	3.511	5.008	1.812	3479.	44.93	387.6	213.4

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1)/PSFA	P ₁ /P	P ₁ /FO	CPI(1)	CP(SI)	CPI/SI
5	15.000	.19000-01	362.00	429.3	9.555	.1234	.9917	-7.867	.1260
5	15.000	.22000-01	365.00	222.4	4.950	.6390-01	.4578	-8.401	.5450-01
5	31.500	.19000-01	363.00	445.2	9.909	.1280	1.033	-7.826	.1319
5	31.500	.22000-01	366.00	214.3	4.770	.6160-01	.4370	-8.422	.5190-01
5	33.070	.31500	416.00	29.83	.6640	.8000-02	-.3890-01	-8.898	.4400-02
5	33.070	.31700	418.00	43.31	.9641	.1250-01	-.4200-02	-8.863	.5000-03
5	33.420	.31100	415.00	27.67	.6159	.8000-02	-.4450-01	-8.904	.5000-02
5	47.000	.19000-01	364.00	568.1	12.64	.1633	.1.350	-7.509	.1798
5	47.000	.22000-01	367.00	263.7	5.871	.7580-01	.5646	-8.295	.6810-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-015, E.T. CABLE TRAY FRNG

E.T. CBL TRY FRNG

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(RG1C02)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
5	3.510	.1597-01	1.807	3478.	44.93	387.6	213.8

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(L) PSFA	P(L/P	P1/FO	CPI(1)	CPI(S1)	CPI(S1)
5	15.000	.19000-01	362.00	594.1	13.22	.1708	1.417	-7.441	-.1904
5	15.000	.22000-01	365.00	250.0	5.564	.7190-01	.5292	-8.329	-.6350-01
5	31.500	.19000-01	363.00	614.8	13.68	.1768	1.470	-7.387	-.1990
5	31.500	.22000-01	366.00	232.9	5.183	.6700-01	.4849	-8.373	-.5790-01
5	33.070	.31500	416.00	23.30	.7411	.5600-02	-.3000-01	-8.888	.3400-02
5	33.070	.31700	418.00	44.74	.9957	.1290-01	-.5000-03	-8.858	.1000-03
5	33.420	.31100	415.00	32.52	.7238	.9400-02	-.3200-01	-8.890	.3600-02
5	47.000	.19000-01	364.00	582.5	12.96	.1675	1.387	-7.471	-.1857
5	47.000	.22000-01	367.00	266.9	5.940	.7670-01	.5726	-8.285	-.6910-01

E.T., CBL TRY FF

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-OTS, E.T. CABLE TRAY F

E. I., S. C. LIBRARY FUND

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-OTS, E.T. CABLE TRAY F

BETA - 2000

PARAMETRIC DATA

		TEST CONDITIONS***					
RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P PSFA	Q PSF	TO DEG R
5	3.510	-4.962	1.807	3478.	44.94	387.6	213.8
TEST DATA							
RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)
5	15.000	.19000-01	362.00	632.0	14.06	181.7	1.514
5	15.000	.22000-01	365.00	305.7	6.803	.8790-01	.6727
5	31.500	.19000-01	363.00	628.2	13.98	.1806	1.505
5	31.500	.22000-01	366.00	276.5	6.154	.7950-01	.5975
5	33.070	.31500	416.00	42.32	.9418	.1220-01	.6260
5	33.070	.31700	418.00	50.24	1.118	.1440-01	.5000-02
5	33.420	.31100	415.00	40.59	.9033	.1150-01	.8865
5	47.000	.19000-01	364.00	587.5	13.07	.1689	.1.4000
5	47.000	.22000-01	367.00	297.2	6.614	.8540-01	.8.207

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E.T. CBL TRY FRNG

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 8H-OTS. E.T. CABLE TRY FRNG

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(RGIC03)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	TO DEG R
1	2.495	-4.988	X10 6 2.191	1946.	114.8	500.2	285.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P11 PSFA	P1/P	P1/F0	CP(11)	CP(S1)	CP(S1)
1	15.000	.19000-01	362.00	797.1	6.943	.4096	1.364	-2.297	-.5939
	15.000	.22000-01	365.00	520.6	4.535	.2675	.8113	-2.850	-.2947
	31.500	.19000-01	363.00	837.3	7.294	.4303	1.444	-.2.216	-.6517
	31.500	.22000-01	366.00	524.1	4.565	.2693	.8182	-2.843	-.2878
	33.070	.31500	416.00	117.1	1.020	.020	.4600-02	-3.656	-.1300-02
	33.070	.31700	418.00	999.0	999.0	.999.0	.999.0	.999.0	.999.0
	33.420	.31100	415.00	104.9	.9135	.5390-01	-.1580-01	-3.681	.5400-02
	47.000	.19000-01	364.00	814.5	7.095	.4185	1.399	-2.262	-.6184
	47.000	.22000-01	367.00	562.5	4.900	.2891	.8950	-2.766	-.3236

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IHII INTEGRATED VEHICLE PRESSURE DATA
E.T., CBL TRY FRNG

IHII. MODEL 84-00TS. E.T. CABLE TRAY FRNG

E.T., CBL TRY FRNG

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
1	2.494	-1193-01	2.155	1945.	114.8	500.2	288.4

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P ₁ /P	P ₁ /F ₀	C _{P(1)}	C _{P(SI)}	C _{P(SI)}
1	15.000	.19000-01	362.00	742.0	6.461	.3814	1.254	-2.405	-.5212
1	15.000	.22000-01	365.00	408.9	3.560	.202	.5878	-3.072	-.1914
1	31.500	.19000-01	363.00	797.3	6.942	.4099	1.364	-.2.295	-.5945
1	31.500	.22000-01	366.00	404.2	3.519	.2078	.5784	-3.081	-.1877
1	33.070	.31500	416.00	105.8	.9214	.5440-01	-.1810-01	-3.677	.4900-02
1	33.070	.31700	418.00	999.0	.999	.999.0	.999.0	.999.0	.999.0
1	33.420	.31100	415.00	91.04	.7927	.4680-01	-.4760-01	3.707	.1280-01
1	47.000	.19000-01	364.00	804.6	7.006	.4136	1.379	-2.280	.6047
1	47.000	.22000-01	367.00	486.1	.4.233	.2499	.7422	-2.917	-.2544

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IHII INTEGRATED VEHICLE PRESSURE DATA
IHII, MODEL 84-OTS, E.T. CABLE TRAY FRNG

E.T. CBL TRY FRNG

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(RGIC03)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
1	2.495	5.028	2.160	1946.	114.9	500.4	287.9

TEST DATA

RUN NUMBER	THETA X/LREF	TAP NO	P111 PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CPI/SI
1	15.000	.19000-01	362.00	686.6	5.977	.3528	1.143	-2.517
	15.000	.22000-01	365.00	317.1	2.760	.1629	.4041	-.1241
	31.500	.19000-01	363.00	757.3	6.593	.3892	1.284	-.5405
	31.500	.22000-01	366.00	331.9	2.889	.1705	.4337	-.1344
	33.070	.31500	416.00	89.28	.7772	.4590-01	.5110-01	.1320-01
	33.070	.31700	418.00	999.0	999.0	.999.0	.999.0	.999.0
	33.420	.31100	415.00	84.53	7358	.4340-01	.6060-01	.1630-01
	47.000	.19000-01	364.00	788.8	6.867	.4054	1.347	-.5825
	47.000	.22000-01	367.00	444.0	3.865	.2282	.6578	-.3.302

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IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-015, E.T. CABLE TRAY FRNG

E.T..CBL TRY FRNG

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-015, E.T. CABLE TRAY FRNG

E.T..CBL TRY FRNG

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PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS						
RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P PSFA	Q PSF TO DEG R
7	2.990	-4.961	2.024	2451.	67.74	423.9 236.4
TEST DATA						
RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0
7	15.000	.19000-01	362.00	645.6	9.531	.2634
7	15.000	.22000-01	365.00	363.2	5.451	.1506
7	31.500	.19000-01	363.00	679.5	10.03	.2772
7	31.500	.22000-01	366.00	372.0	5.492	.1518
7	33.070	.31500	416.00	67.71	.9396	.2760-01
7	33.070	.31700	418.00	71.72	1.059	.2930-01
7	33.420	.31100	415.00	67.02	.3894	.2730-01
7	47.000	.19000-01	364.00	657.2	9.712	.2684
7	47.000	.22000-01	357.00	418.9	6.184	.1709

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CP(SI)
7	15.000	.19000-01	362.00	645.6	9.531	.2634	1.363	-4.259	-3200
7	15.000	.22000-01	365.00	363.2	5.451	.1506	.7112	-4.911	-1448
7	31.500	.19000-01	363.00	679.5	10.03	.2772	1.443	-4.179	-3453
7	31.500	.22000-01	366.00	372.0	5.492	.1518	.7178	-4.905	-1464
7	33.070	.31500	416.00	67.71	.9396	.2760-01	-.1000-03	-5.623	0000
7	33.070	.31700	418.00	71.72	1.059	.2930-01	.9400-02	5.613	-1700-02
7	33.420	.31100	415.00	67.02	.3894	.2730-01	-.1700-02	-5.624	3000-03
7	47.000	.19000-01	364.00	657.2	9.712	.2684	1.392	-4.230	-3291
7	47.000	.22000-01	357.00	418.9	6.184	.1709	.8284	-4.794	-1728

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IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-OTS, E.T. CABLE TRAY FRNG

E.T. CBL TRY FRNG

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(RGIC03)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	PO PSFA	P PSFA	Q PSF	TO DEG R
7	2.990	- .3186-01	2.017	2453.	67.80	424.2	237.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CP(SI)
7	15.000	.19000-01	362.00	604.6	8.918	.2465	1.265	-4.356	-2905
7	15.000	.22000-01	365.00	296.7	4.377	.1210	.5397	-5.082	-.1062
7	31.500	.19000-01	363.00	650.8	9.600	.2653	1.374	-4.247	-.3236
7	31.500	.22000-01	365.00	301.0	4.439	.1227	.5496	-5.072	-.1084
7	33.070	.31500	416.00	54.46	.8033	.2220-01	-.3140-01	-5.653	.5600-02
7	33.070	.31700	418.00	58.30	.8539	.2380-01	-.2240-01	-5.644	.4000-02
7	33.420	.31100	415.00	51.26	.7561	.2090-01	-.3900-01	-5.661	.6900-02
7	47.000	.19000-01	364.00	656.5	9.684	.2677	1.388	-4.234	-.3277
7	47.000	.22000-01	357.00	375.1	5.532	.1529	.7243	-4.897	-.1479

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IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-OTS, E.T. CABLE TRAY FRNG

E.T., CBL TRY FRNG

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(RGIC03)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
7	2.989	4.993	1.997	2452.	67.81	424.2	238.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P11 PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CP(S1)
7	15.000	.19000-01	362.00	540.1	7.965	.2203	1.113	-4.506	-.2471
7	15.000	.22000-01	365.00	226.7	3.344	.9250-01	.3747	-5.205	-.7140-01
7	31.500	.19000-01	363.00	595.8	8.845	.2446	1.254	-4.366	-.2873
7	31.500	.22000-01	366.00	242.2	3.572	.9980-01	.4112	-5.209	-.7890-01
7	33.070	.31500	416.00	48.95	.7218	.2001-01	-.4450-01	-5.664	.7900-02
7	33.070	.31700	418.00	56.31	.8304	.2300-01	-.2710-01	-5.647	.4800-02
7	33.420	.31100	415.00	44.53	.6567	.1820-01	-.5490-01	-5.675	.9700-02
7	47.000	.19000-01	364.00	635.0	9.365	.2599	1.337	-4.283	-.3122
7	47.000	.22000-01	367.00	343.5	5.066	.1401	.6500	-4.970	-.1308

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IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-OTS. E. T. CABLE TRAY FRNG

E. T. CBL TRY FRNG

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PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
7	2.989	4.984	X10 ⁻⁶ 1.997	2452.	67.83	424.3	238.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CP1/SI
7	15.000	.19000-01	362.00	540.6	7.970	.2204	1.114	-4.506	-.2473
7	15.000	.22000-01	365.00	235.9	3.478	.9620-01	.3961	-5.224	-.7580-01
7	31.500	.19000-01	363.00	600.5	8.854	.2449	1.255	-4.364	-.2877
7	31.500	.22000-01	366.00	244.5	3.605	.9970-01	.4164	-5.203	-.8000-01
7	33.070	.31500	416.00	56.38	.8165	.2260-01	.2930-01	-5.649	.5200-02
7	33.070	.31700	418.00	54.26	.8000	.2210-01	.3200-01	-5.652	.5700-02
7	33.420	.31100	415.00	50.91	.7506	.2080-01	.3990-01	-5.660	.7000-02
7	47.000	.19000-01	364.00	636.6	9.386	.2596	1.340	-4.279	-.3133
7	47.000	.22000-01	367.00	345.2	5.089	.1407	.6536	-4.966	-.1316

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 IHII INTEGRATED VEHICLE PRESSURE DATA
 IHII. MODEL 84-OTS. E.T. CABLE TRAY FRNG
 E.T. CBL TRY FRNG

IHII INTEGRATED VEHICLE PRESSURE DATA
 IHII. MODEL 84-OTS. E.T. CABLE TRAY FRNG

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 (RGIC03)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P ₀ PSF	T ₀ DEG R
4	3.511	-4.970	1.813	3478.	44.91	387.5 213.2
TEST DATA						
RUN NUMBER	THETA X/LREF	TAP NO	P ₁₁ PSFA	P ₁ /P	P ₁ /F ₀	CP(11) CP(SI) CPI/SI
4	15.000	.19000-01	3.2.00	605.4	13.48	1.447 -7.413 -.1951
	15.000	.22000-01	365.00	333.5	7.425	.9590-01 .7448 -8.115 -.9180-01
	31.500	.19000-01	363.00	642.4	14.30	.1847 1.542 -7.317 -.2107
	31.500	.22000-01	366.00	337.6	7.517	.9710-01 .7554 -8.104 -.9320-01
	33.070	.31500	416.00	50.93	1.134	.1460-01 .1550-01 -8.844 -.1800-02
	33.070	.31700	418.00	57.11	1.272	.1640-01 .3150-01 -8.828 -.3600-02
	33.420	.31100	415.00	49.99	1.113	.1440-01 .1310-01 -8.846 -.1500-02
	47.000	.19000-01	364.00	626.1	13.94	.1800 1.500 -7.359 -.2038
	47.000	.22000-01	367.00	380.2	8.465	.1093 .8653 -7.994 -.1082

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IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-015. E.T. CABLE TRAY FRNG

E.T. CBL TRY FRNG

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
4	3.511	-1970-02	1.808	3479.	44.94	387.7	213.7

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P1/P	P1/F0	CP(1)	CP(S1)	CP(S1)
4	15.000	.19000-01	362.00	567.4	12.62	.1631	1.348	-7.511	-.1794
	15.000	.22000-01	365.00	255.8	5.692	.7350-01	.5439	-8.314	-.6540-01
	31.500	.19000-01	363.00	609.3	13.56	.1751	1.456	-7.402	-.1967
	31.500	.22000-01	366.00	266.3	5.925	.7650-01	.5709	-8.287	-.6890-01
	33.070	.31500-01	416.00	39.83	.8863	.1140-01	-.1320-01	-8.871	.1500-02
	33.070	.31700-01	418.00	47.38	1.054	.1360-01	.6300-02	-8.852	-.7000-03
	33.420	.31100-01	415.00	37.84	.8420	.1090-01	-.1830-01	-8.876	.2000-02
	47.000	.19000-01	364.00	620.5	13.81	.1784	1.485	-7.373	-.2014
	47.000	.22000-01	367.00	341.8	7.606	.9820-01	.7658	-8.092	-.9460-01

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E.T. CBL TRY FRNG

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-OTS, E.T. CABLE TRAY FRNG

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(RGIC03)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P _{PSFA}	Q PSF	TO DEG R
4	3.510	5.002	1.807	3478.	44.93	387.6	213.7

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP(S1)
4	15.000	.19000-01	362.00	498.6	11.10	.1434	1.171	-7.687	-.1523
	15.000	.22000-01	365.00	210.0	4.675	.6040-01	.4260	-8.432	-.5050-01
	31.500	.19000-01	363.00	573.5	12.76	.1649	1.364	-7.494	-.1820
	31.500	.22000-01	366.00	224.1	4.987	.6440-01	.4622	-8.396	-.5510-01
	33.070	.31500	416.00	33.40	.7433	.5600-02	.2980-01	-8.888	.3300-02
	33.070	.31700	418.00	42.99	.9568	.1240-01	.5000-02	-8.863	.6000-03
	33.420	.31100	415.00	32.36	.7202	.9300-02	.3240-01	-8.890	.3600-02
	47.000	.19000-01	364.00	594.4	13.23	.1709	1.418	-7.440	-.1905
	47.000	.22000-01	367.00	315.4	7.019	.9070-01	.6977	-8.160	-.8550-01

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IHII INTEGRATED VEHICLE PRESSURE DATA

E.T. CBL TRY FRNG

IHII. MODEL 84-0TS, E.T. CABLE TRAY FRNG

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(RGIC04)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
10	2.495	4.998	X10 6 2.162	1949.	115.0	501.1	268.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CPI/SI
10	15.000	.19000-01	362.00	828.1	7.199	.4250	1.423	-2.236	-.6363
10	15.000	.22000-01	365.00	288.4	2.507	.4480	1.460	-3.314	-.1044
10	31.500	.19000-01	363.00	858.4	7.462	.4405	1.484	-.2.176	-.6818
10	31.500	.22000-01	366.00	296.9	2.581	.1524	.3630	-3.297	-.1101
10	33.070	.31500	416.00	115.6	1.005	.5330-01	.1200-02	-3.658	-.3000-03
10	33.070	.31700	418.00	133.5	1.160	.6850-01	.3680-01	-3.623	-.1020-01
10	33.420	.31100	415.00	112.2	.9752	.5760-01	.5700-02	-3.665	.1600-02
10	47.000	.19000-01	364.00	831.2	7.226	.4265	1.429	-2.230	-.6408
10	47.000	.22000-01	367.00	300.5	2.612	.1542	.3701	-3.289	-.1125

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IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-015. E.T. CABLE TRAY FRNG
E.T. CBL TRY FRNG

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(RGIC04)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS						
RUN NUMBER	MACH	ALPHA DEG.	PN/FT /FT	P0 PSF A	P PSF A	Q PSF
10	2.495	.1995.01	X10.6 2.168	1950.	115.1	501.2
TEST DATA						
RUN NUMBER	THETA	X/LREF	TAP NO	P11 PSFA	P1/P	P1/F0
10	15.000	.19000-01	362.00	770.4	6.695	.3951
10	15.000	.22000-01	365.00	371.6	3.229	.1906
10	31.500	.19000-01	363.00	744.7	6.472	.3820
10	31.500	.22000-01	366.00	309.6	2.691	.1588
10	33.070	.31500	416.00	120.1	1.043	.6160-01
10	33.070	.31700	418.00	121.2	1.053	.6220-01
10	33.420	.31100	415.00	114.3	.9937	.5860-01
10	47.000	.19000-01	364.00	687.6	5.976	.3527
10	47.000	.22000-01	367.00	332.4	2.889	.1705

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IHI1 INTEGRATED VEHICLE PRESSURE DATA

E.T..CBL TRY FRNG

IHI1. MODEL 84-015. E.T. CABLE TRY FRNG

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(RGIC04)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
10	2.495	-4.990	2.166	1948.	115.0	501.0	287.7

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P11 PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CPI/S1
10	15.000	.190000-01	362.00	808.0	7.025	.4147	1.383	-2.276	-.6076
10	15.000	.220000-01	365.00	445.2	3.871	.2285	.6592	-3.00	-.2197
10	31.500	.190000-01	363.00	774.1	6.731	.3973	1.316	-.344	-.5612
10	31.500	.220000-01	366.00	379.9	3.304	.1950	.5289	-3.131	-.1689
10	33.070	.31500	416.00	121.7	1.059	.6250-01	.1350-01	-3.646	-.3700-02
10	33.070	.31700	418.00	119.8	1.042	.6150-01	.9600-02	-3.650	-.2600-02
10	33.420	.31100	415.00	116.1	1.010	.5960-01	.2200-02	-3.657	-.6000-03
10	47.000	.190000-01	364.00	684.2	5.949	.3511	1.136	-2.524	-.4502
10	47.000	.220000-01	367.00	380.6	3.310	.1953	.5302	-3.130	-.1694

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-OTS. E.T. CABLE TRAY FRNG
E.T., CBL TRY FRNG

PAGE 1229
(RGIC05)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS							
RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	PO PSFA	P PSFA	Q PSF	TO DEG R
11	2.495	-5.014	2.163	1948.	115.0	501.0	287.9
TEST DATA							
RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)
11	15.000	.19000-01	362.00	806.1	7.009	.4137	1.380
11	15.000	.22000-01	365.00	452.4	3.933	.2322	.6734
11	31.500	.19000-01	363.00	805.0	7.000	.4132	1.377
11	31.500	.22000-01	366.00	429.9	3.738	.2206	.6285
11	33.070	.31500	416.00	98.93	.8602	.5080-01	.3210-01
11	33.070	.31700	418.00	104.3	.9070	.5350-01	.2130-01
11	33.420	.31100	415.00	90.63	.7880	.4650-01	.4870-01
11	47.000	.19000-01	364.00	749.5	6.516	.3847	1.266
11	47.000	.22000-01	367.00	467.8	4.067	.2401	.7041

CP(S1)

CP(F0)

CP(1)

CP(S1)

CP(F0)

CP(1)

CP(S1)

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-0TS, E.T. CABLE TRAY FRNG

E.T., CBL, TRY FRNG

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(RGIC05)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT x10 ⁻⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
11	2.495	.1198-01	2.166	1948.	115.0	500.8	287.5

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P11 PSFA	P1/P	P1/P0	CP(11)	CP(S1)	CP(S1)
11	15.000	.19000-01	362.00	759.9	6.610	.3901	1.288	-2.372	-.5429
11	15.000	.22000-01	365.00	379.3	3.299	.1948	.5279	-3.132	-.1686
11	31.500	.19000-01	363.00	773.2	6.726	.3970	1.315	-2.345	-.5605
11	31.500	.22000-01	366.00	351.3	3.056	.1804	.4719	-3.188	-.1480
11	33.070	.31500	416.00	87.30	.7594	.4480-01	-.5520-01	-3.715	.1490-01
11	33.070	.31700	418.00	90.29	.7853	.4640-01	-.4930-01	-3.709	.1330-01
11	33.420	.31100	415.00	78.14	.6797	.4010-01	-.7350-01	-3.733	.1970-01
11	47.000	.19000-01	364.00	746.4	6.493	.3832	1.261	-2.399	-.5257
11	47.000	.22000-01	367.00	415.8	3.617	.2135	.6008	-3.059	-.1964

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII, MODEL 84-OTS, E.T. CABLE TRAY FRNG
E.T. CBL TRY FRNG

PAGE 1231
(RGIC05)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P ₀ PSF A	P ₀ PSF A	Q PSF	T ₀ DEG R
11	2.495	4.990	X10.6 2.165	1949.	115.0	501.0	287.8

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P ₁ /P	P ₁ /F ₀	C _P (1)	C _P (S1)	C _P (S1)
11	15.000	.19000-01	362.00	724.3	6.297	.3717	1.216	-2.444	-.4976
11	15.000	.22000-01	365.00	287.8	2.502	.1477	.3449	-3.315	-.1040
11	31.500	.19000-01	363.00	755.8	6.571	.3878	1.279	-2.381	-.5371
11	31.500	.22000-01	366.00	290.5	2.526	.1491	.3502	-3.310	-.1058
11	33.070	.31500	416.00	99.80	.8675	.5120-01	.3040-01	-3.690	.8200-02
11	33.070	.31700	418.00	117.7	1.023	.6040-01	.5400-02	-3.654	-.1500-02
11	33.420	.31100	415.00	88.47	.7691	.4540-01	.5300-01	-3.713	.1430-01
11	47.000	.19000-01	364.00	762.6	6.630	.3913	1.293	-2.367	-.5460
11	47.000	.22000-01	367.00	376.9	3.277	.1934	.5227	-3.137	-.1666

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

E.T., CBL TRY FRNG

IHII, MODEL 84-OTS, E.T. CABLE TRAY FRNG

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
12	2.495	5.022	2.166	1948.	115.0	501.0	297.7

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁₁ PSF A	P ₁ /P	P ₁ /F0	CPI(I)	CP(SI)	CPI/SI
12	15.000	.19000-01	362.00	685.3	5.959	.3517	1.138	-2.521	-.4515
12	15.000	.22000-01	365.00	316.8	2.755	.1626	.4028	-3.257	-.1237
12	31.500	.19000-01	363.00	757.0	6.582	.3895	1.281	-2.378	-.5388
12	31.500	.22000-01	366.00	329.9	2.868	.1593	.4289	-3.231	-.1328
12	33.070	.31500-01	416.00	90.38	.7859	.6340-01	.4910-01	-3.709	.1330-01
12	33.070	.31700-01	418.00	95.07	.8267	.4880-01	.3980-01	-3.699	.080-01
12	33.420	.31100-01	415.00	84.94	.7386	.4260-01	.6000-01	-3.720	.610-01
12	47.000	.19000-01	364.00	786.4	6.838	.4036	1.340	-2.320	-.5778
12	47.000	.22000-01	367.00	443.6	3.857	.2277	.65560	-3.004	-.2194

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IHI1 INTEGRATED VEHICLE PRESSURE DATA

E.T. CBL TRY FRNG

IHI1. MODEL 84-OTS, E.T. CABLE TRAY FRNG

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(RGIC06)

PARAMETRIC DATA

BETA = 5.000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	TEST CONDITIONS		P _{SF}	Q	R ₀	DEG R
				P _O	P _{SFA}				
12	2.495	.3590-01	2.163	1947.	114.9	500.7	287.8		
TEST DATA									
RUN NUMBER	THETA	X/LREF	TAP NO	P _{I1} PSFA	P _{I/P}	P _{I/FO}	CP(I)	CP(SI)	CP(SI)
12	15.000	.19000-01	362.00	740.4	6.442	.3802	1.249	-2.410	-51.83
12	15.000	.22000-01	365.00	403.3	3.509	.2071	.5760	-3.084	-.1868
12	31.500	.19000-01	362.00	795.8	6.923	.4087	1.360	-.300	-.5913
12	31.500	.22000-01	366.00	402.2	3.499	.2056	.5737	-3.086	-.1859
12	33.070	.31500	416.00	106.4	.9254	E+60.01	.1710-01	3.677	.4700-02
12	33.070	.31700	418.00	111.3	.3685	.5720-01	-.7200-02	-3.667	.2000-02
12	33.420	.31100	415.00	91.84	.7990	.4720-01	-.4610-01	-3.706	.1250-01
12	47.000	.19000-01	364.00	801.7	6.974	.4117	1.372	-2.288	-.5994
12	47.000	.22000-01	367.00	484.4	4.214	.2488	.7379	-2.922	-.2525

DATE 01 OCT 80

IHI INTEGRATED VEHICLE PRESSURE DATA

IHI, MODEL 84-015, E.T. CABLE TRAY FRNG

CPI TRY FRNG

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(RGIC06)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RIFT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
12	2.495	-4.990	X10 ⁶ 2.164	1947.	114.9	500.7	287.7

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CPI/S1
12	15.000	.19000-01	362.00	794.1	6.908	.4078	1.356	-2.303	.5889
12	15.000	.22000-01	365.00	510.5	4.441	.2622	.7900	-2.870	.2753
12	31.500	.19000-01	363.00	836.5	7.278	.4296	1.441	-5.218	.6497
12	31.500	.22000-01	366.00	525.2	4.569	.2597	.8194	-2.840	.2885
12	33.070	.31500	416.00	115.4	1.004	.5330-01	.1000-02	-3.659	.3000-03
12	33.070	.31700	418.00	120.1	1.044	.6170-01	.1020-01	-3.650	.2800-02
12	33.420	.31100	415.00	104.0	.9050	.5340-01	.2180-01	-3.681	.5900-02
12	47.000	.19000-01	364.00	813.3	7.076	.4177	1.395	-2.265	.6158
12	47.000	.22000-01	367.00	559.8	4.870	.2875	.8895	-2.771	.3206

DATE 01 OCT 80

E.T., CBL TRY FRNG

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-01, E.T. CABLE TRAY FRNG

(RGIC07)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P ₀ PSF A	Q PSF	T ₀ DEG R
21	2.495	-4.975	2.159	1948.	115.0	500.9	288.3

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP1/S1
21	15.000	.19000-01	362.00	803.2	6.984	.4123	1.374	-2.286	-.6011
21	15.000	.22000-01	365.00	433.5	3.770	.2225	.6359	-3.024	-.2103
21	31.500	.19000-01	363.00	771.7	6.710	.3961	1.311	-.349	-.5582
21	31.500	.22000-01	366.00	375.0	3.261	.1925	.5191	-3.140	-.1653
21	33.070	.31500	416.00	75.08	.6529	.3850-01	-.7970-01	-3.739	.2130-01
21	33.070	.31700	418.00	89.25	.7761	.4580-01	-.5140-01	-3.711	.1390-01
21	33.420	.31100	415.00	74.56	.6484	.3830-01	-.8070-01	-3.740	.2160-01
21	47.000	.19000-01	364.00	682.1	5.931	.3501	1.132	-2.527	-.4479
21	47.000	.22000-01	367.00	375.0	3.261	.1925	.5191	-3.140	-.1653

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DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

E.T. CBL TRY FRNG

IHII. MODEL 84-QT. E.T. CABLE TRAY FRNG

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(RGIC07)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
21	2.495	.9988-02	2.160	1948.	115.0	500.9	288.2

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CPI/SI
21	15.000	.19000-01	362.00	767.7	6.676	.3941	1.303	-2.356	-.5530
21	15.000	.22000-01	365.00	366.7	3.189	.1882	.5025	-3.157	-.1592
21	31.500	.19000-01	363.00	745.8	6.486	.3829	1.259	-.400	.5248
21	31.500	.22000-01	366.00	309.0	2.687	.1586	.3873	-3.272	-.1184
21	33.070	.31500	416.00	72.92	.6341	.2740-01	.8400-01	-3.743	.2240-01
21	33.070	.31700	418.00	79.59	.6921	.4090-01	.7070-01	-3.730	.1900-01
21	33.420	.31100	415.00	67.91	.5905	.3490-01	.9400-01	-3.754	.2500-01
21	47.000	.19000-01	364.00	688.5	5.987	.3534	1.145	-2.514	-.4553
21	47.000	.22000-01	367.00	330.9	2.877	.1699	.4310	-3.229	-.1335

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IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-OT, E.T. CABLE TRAY FRNG

E.T., CBL TRY FRNG

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(RGIC07)

PARAMETRIC DATA

BETA = -5.000

		TEST CONDITIONS				***TEST DATA***			
RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ /PSFA	P ₀ /PSFA	Q _{PSF}	P ₀ /PSF	TO DEG R	
21	2.495	4.971	2.162	1949.	115.0	501.1	288.0		
				P(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CPI/SI
21	15.000	.19000-01	362.00	816.5	7.098	.4190	1.400	-2.260	-.6196
21	15.000	.22000-01	365.00	285.2	2.479	.463	1.3395	-3.320	-.1023
21	31.500	.19000-01	363.00	858.0	7.458	.4403	1.483	-.2.177	-.6811
21	31.500	.22000-01	366.00	296.5	2.578	.562	.3622	-3.297	-.1098
21	33.070	.31500	416.00	63.31	.5504	.250-01	-.1032	-3.763	.2740-01
21	33.070	.31700	418.00	68.06	.5917	.3490-01	-.9370-01	-3.753	.2500-01
21	33.420	.31100	415.00	60.02	.5218	.3080-01	-.1098	-3.769	.2910-01
21	47.000	.19000-01	364.00	830.7	7.222	.4263	1.428	-2.231	.6402
21	47.000	.22000-01	367.00	299.3	2.602	.1536	.3677	-3.292	-.1117

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IH1 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-01, E.T. CABLE TRAY FRNG

E.T. CBL TRY FRNG

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(RG1C07)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	PO PSFA	P PSFA	Q PSF	T0 DEG R
16	2.989	5.018	1.975	2455.	67.94	424.9	241.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CP(S1)
16	15.000	.19000-01	362.00	550.3	8.099	.2242	1.135	-4.482	-2533
16	15.000	.22000-01	365.00	227.0	3.341	.9250-01	.3743	-5.243	-7140-01
16	31.500	.19000-01	363.00	542.2	7.980	.2209	1.116	-4.501	-2479
16	31.500	.22000-01	366.00	221.1	3.255	.9010-01	.3605	-5.257	-6860-01
16	33.070	.31500	416.00	35.19	.5179	1.430-01	-.7710-01	-5.695	-1350-01
16	33.070	.31700	418.00	42.10	.6136	1.710-01	-.6080-01	-5.678	-1070-01
16	33.420	.31100	415.00	33.89	.4988	1.380-01	-.8010-01	-5.698	-1410-01
16	47.000	.19000-01	364.00	517.6	7.618	.2108	1.058	-4.559	-2321
16	47.000	.22000-01	367.00	236.9	3.487	.9650-01	.3977	-5.220	-7620-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-01, E.T. CABLE TRAY FRNG

E.T. CBL TRY FRNG

PAGE 1239
(RGIC07)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	TO DEG R
16	2.989	.1597-01	X10.6	1.971	2451.	67.85	424.3
							241.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P111 PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CP1/SI
16	15.000	.190000-01	362.00	617.4	9.099	.2519	1.295	-4.322	-.2997
16	15.000	.220000-01	365.00	280.3	4.132	.1144	.5008	-5.117	-.9790-01
16	31.500	.190000-01	363.00	594.6	8.764	.2426	1.242	-4.376	-.2837
16	31.500	.220000-01	366.00	244.0	3.596	.9950-01	.4151	-5.202	-.7980-01
16	33.070	.315000	416.00	41.68	.6143	.1700-01	.6170-01	-5.679	.1090-01
16	33.070	.31700	418.00	61.69	.9032	.2520-01	.1450-01	-5.632	.2600-02
16	33.420	.31100	415.00	38.91	.5735	.1590-01	.6820-01	-5.686	.1200-01
16	47.000	.190000-01	364.00	543.7	8.013	.2218	1.121	-4.496	-.2494
16	47.000	.220000-01	367.00	252.5	3.722	.1030	.4353	-5.182	-.8400-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-01. E.T. CABLE TRAY FRNG

E.T. CBL TRY FRNG

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IRGIC071

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	TO DEG R
16	2.389	-5.000	1.979	2455.	67.94	424.9	240.6

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(L) PSFA	P1/P	P1/F0	CP(L)	CP(S1)	CP(S2)
16	15.000	.190000-01	362.00	656.4	9.662	.2674	1.385	-.4.233	-.3272
16	15.000	.220000-01	365.00	331.8	4.883	.1351	.6209	-.4.997	-.1242
16	31.500	.190000-01	363.00	624.3	9.188	.2543	1.309	-.4.309	-.3039
16	31.500	.220000-01	366.00	273.7	4.028	.1115	.4842	-.5.134	-.9430-01
16	33.070	.315000	416.00	45.96	.6764	.1870-01	.5170-01	-.5.670	.9.00-02
16	33.070	.31700	418.00	55.42	.8156	.2260-01	.2950-01	-.5.647	.5200-02
16	33.420	.31100	415.00	44.75	.6586	.1820-01	.5460-01	-.5.673	.9600-02
16	47.000	.190000-01	364.00	548.0	8.065	.2232	1.130	-.4.488	-.2517
16	47.000	.220000-01	367.00	267.5	3.936	.1089	.4695	-.5.149	-.9120-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-01. E.T. CABLE TRAY FRNG

E.T., CBL TRY FRNG

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(RGIC07)

PARAMETRIC DATA

BETA = -5.000

•••TEST CONDITIONS•••

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	PO PSFA	P PSFA	Q PSF	T DEG R
15	3.511	-5.022	1.828	3478.	44.88	387.3	211.9

•••TEST DATA•••

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CPI/SI
15	15.000	.190000-01	362.00	629.5	14.03	.1810	1.509	-7.354	.2053
15	15.000	.220000-01	365.00	311.3	6.936	.8950-01	.6878	-8.176	.8410-01
15	31.500	.190000-01	363.00	589.8	13.14	.1696	1.407	-7.457	.1887
15	31.500	.220000-01	366.00	245.9	5.479	.7070-01	.5190	-8.344	.6220-01
15	33.070	.311500-01	416.00	32.49	.7239	.3000-02	.3200-01	-8.896	.3600-02
15	33.070	.311700-01	418.00	42.13	.9387	.1210-01	.17100-02	-8.871	.8000-03
15	33.420	.311100-01	415.00	32.32	.7201	.9300-02	.3200-01	-8.896	.3600-02
15	47.000	.190000-01	364.00	516.7	11.51	.1486	1.218	-7.645	.1594
15	47.000	.220000-01	367.00	240.3	5.355	.6910-01	.5047	-8.359	.6040-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII, MODEL 84-OT. E.I. CABLE TRAY FRNG

E.I. CBL TRY FRNG

BETA = -5.000

PARAMETRIC DATA

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(RGIC07)

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
15	3.511	.2394-01	1.827	3481.	44.92	387.7	212.1

TEST CONDITIONS							

TEST DATA							
RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P(1)/P0	CP(1)	CP(S1)
15	15.000	.19000-01	362.00	558.9	12.44	.1606	.326
15	15.000	.22000-01	365.00	263.9	5.875	.7580-01	.5649
15	31.500	.19000-01	363.00	552.1	12.29	.1586	.308
15	31.500	.22000-01	366.00	235.0	5.231	.6750-01	.4903
15	33.070	.31500	416.00	29.32	.6527	.5+00-02	.4020-01
15	33.070	.33700	418.00	38.39	.8545	.1100-01	.8.904
15	33.420	.31100	415.00	27.85	.6200	.8000-02	.4600-01
15	47.000	.19000-01	364.00	499.4	11.12	.1435	.1.172
15	47.000	.22000-01	367.00	237.4	5.285	.6820-01	.4965

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII, MODEL 84-01, E.T. CABLE TRAY FRNG

E.T., CBL, TRY FRNG

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(RGIC07)

PARAMETRIC DATA

BETA = -5.000

RUN NUMBER	MACH	ALPHA DEG.	TEST CONDITIONS***			Q PSF	P PSF	TO DEG R
			RN/FT /FT	P0 PSFA	P PSFA			
15	3.511	4.983	1.827	3478.	44.88	387.3	212.0	
TEST DATA								
RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P(I/P)	P(I/F0)	CPI(I)	CPI(SI)
15	15.000	.19000-01	362.00	520.5	11.60	1497	1.228	-7.635
15	15.000	.22000-01	365.00	207.6	4.624	.5970-01	.4200	-8.443
15	31.500	.19000-01	363.00	552.5	11.67	.1531	.1259	-7.604
15	31.500	.22000-01	366.00	201.9	4.498	.5910-01	.4054	-8.458
15	33.070	.31500	416.00	22.58	.5030	.6300-02	.5760-01	-8.921
15	33.070	.31700	418.00	33.66	.7498	.9700-02	.2900-01	-8.892
15	33.420	.31100	415.00	21.71	.4837	.6200-02	.5980-01	-8.923
15	47.000	.19000-01	364.00	469.5	10.46	.1350	1.096	-7.767
15	47.000	.22000-01	367.00	210.7	4.695	.6060-01	.4282	-8.435

ORIGINAL PAGE F
OF PCOR Q

DATE 01 OCT 80

IHI INTEGRATED VEHICLE PRESSURE DATA

IHI, MODEL 84-01. E.I. CABLE TRAY FRNG

E.I. CBL TRY FRNG

PAGE 1244
(RCIC08)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ /PSFA	P ₀ /PSFA	Q PSF	TO DEG R
20	2.495	4.967	2.165	1950.	115.1	501.4	287.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1)/PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CP(SI)
20	15.000	.190000-01	362.00	717.2	6.231	.3678	1.201	-2.459	-.4884
20	15.000	.220000-01	365.00	287.5	2.498	1.174	1.3438	-3.316	-.1037
20	31.500	.190000-01	363.00	756.3	6.571	.3879	1.279	-.2.381	-.5372
20	31.500	.220000-01	366.00	291.7	2.534	1.196	1.3522	-3.308	-.1065
20	33.070	.315000	416.00	69.99	.6080	.5590-01	-.9000-01	-3.750	.2400-01
20	33.070	.31700	418.00	77.55	.6737	.3980-01	-.7490-01	-3.735	.2010-01
20	33.420	.31100	415.00	67.04	.5825	.3440-01	-.9590-01	-3.756	.2550-01
20	47.000	.190000-01	364.00	763.2	6.630	.3914	1.293	-2.367	-.5460
20	47.000	.220000-01	367.00	376.7	3.273	.1932	.5218	-3.138	-.1663

DATE 01 OCT

IH11 INTEGRATED VEHICLE PRESSURE DATA

E.T., CBL TRY FRNG

IH11, MODEL 84-0T, E.T. CABLE TRY FRNG

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(RGIC08)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	TO DEG R
20	2.495	.7995-02	X10 6 2.161	1949.	115.0	501.0	288.2

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(L) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CPI/S1
29	15.000	.19000-01	362.00	756.0	6.572	.3880	1.279	-2.380	-.5375
30	15.000	.22000-01	365.00	372.8	3.241	.1913	.5145	-3.145	-.1636
31	5.500	.19000-01	363.00	773.6	6.725	.3970	1.314	-2.345	-.5605
20	31.500	.22000-01	366.00	350.2	3.044	.1797	.4693	-3.190	-.1471
20	32.070	.31500	416.00	79.52	.6913	.0800-01	.7030-01	-3.730	.1900-01
20	33.070	.31700	418.00	90.10	.7833	.4620-01	.4980-01	-3.709	.1340-01
20	33.420	.31100	415.00	77.09	.6702	.3950-01	.7570-01	-3.735	.2030-01
20	47.000	.19000-01	364.00	747.6	6.499	.3836	.262	-2.397	-.5266
20	47.000	.22000-01	367.00	414.8	3.606	.2129	.5984	-3.061	-.1955

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-01. E.T. CABLE TRAY FRNG

E.T., CBL TRY FRNG

PARAMETRIC DATA

BETA = .0000

•••TEST CONDITIONS•••

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	TO DEG R
20	2.495	-4.953	x10 6 2.163	1949.	115.1	501.2	288.0

•••TEST DATA•••

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CP(SI)
20	15.000	.190000-01	362.00	798.4	6.939	.4096	1.363	-2.296	-.5938
20	15.000	.220000-01	365.00	447.6	3.889	.2296	.6634	-2.996	-.2214
20	31.500	.190000-01	363.00	803.8	6.986	.4124	1.374	-2.285	-.6013
20	31.500	.220000-01	366.00	424.6	3.690	.2178	.6175	-3.042	-.2030
20	33.070	.315000-01	416.00	94.87	.8245	.4870-01	.4030-01	-3.700	-.1090-01
20	33.070	.317000-01	418.00	105.0	.9122	.5380-01	-.2020-01	-3.680	.5500-02
20	33.420	.311000-01	415.00	90.81	.7892	.4660-01	-.4840-01	-3.708	-.1300-01
20	47.000	.190000-01	364.00	748.9	6.508	.3842	1.265	-2.395	-.5280
20	47.000	.220000-01	367.00	464.4	4.036	.2382	.6969	-2.963	-.2352

DATE 01 OCT 80

E.T. .CBL TRY FRNG

IH1] INTEGRATED VEHICLE PRESSURE DATA
IH1]. MODEL 84-0T. E.T. CABLE TRAY FRNG

PAGE 1247
(RGIC06)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	PO PSFA	P PSFA	Q PSF	T0 DEG R
17	2.989	-5.010	1.982	2455.	67.94	425.0	240.5

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P(I/P	P(I/F0	'P(I)	CP(SI)	CP(SI)
17	15.000	.19000-01	362.00	661.3	9.733	.2693	1.396	-4.222	-.3307
17	15.000	.22000-01	365.00	342.4	5.039	.1394	.6457	-4.973	-.1299
17	31.500	.19000-01	363.00	664.6	9.781	.2705	1.404	-4.214	-.3331
17	31.500	.22000-01	366.00	319.3	4.699	.1300	.5915	-5.027	-.1177
17	33.070	.31500	416.00	55.97	.8237	.2280-01	.2820-01	-5.646	.5000-02
17	33.070	.31700	418.00	61.34	.9028	.2500-01	.1550-01	-5.634	.2800-02
17	33.420	.31100	415.00	53.80	.7919	.2190-01	.3330-01	-5.651	.5900-02
17	47.000	.19000-01	364.00	616.1	9.068	.2509	1.290	-4.328	-.2980
17	47.000	.22000-01	367.00	342.7	5.043	.1395	.6464	-4.972	-.1300

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-01, E.T. CABLE TRAY FRNG
E.T.,CBL TRY FRNG

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(RGIC08)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P PSFA	Q PSF	T ₀ DEG R
17	2.989	-.3186-01	1.983	2455.	67.94	425.0	240.3

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CPI(1)	CPI(SI)	CPI/SI
17	15.000	.19000-01	362.00	621.1	9.142	.2529	1.302	-4.317	-.3016
17	15.000	.22000-01	365.00	283.7	4.175	.115	.5077	-5.111	-.9930-01
17	31.500	.19000-01	363.00	630.1	9.273	.256	1.723	-4.296	-.3079
17	31.500	.22000-01	366.00	265.6	3.910	.1082	.4652	-5.153	-.9030-01
17	33.070	.31500	416.00	45.65	.6719	.1360-01	.5650-01	-5.671	.9300-02
17	33.070	.31700	418.00	50.57	.7443	.2060-01	.4090-01	-5.659	.7200-02
17	33.420	.31100	415.00	44.61	.6566	.1820-01	.5490-01	-5.673	.9700-02
17	47.000	.19000-01	364.00	613.5	9.040	.2499	1.284	-4.335	-.2962
17	47.000	.22000-01	367.00	313.6	4.616	.1277	.5782	-5.040	-.1147

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII, MODEL 84-01, E.T. CABLE TRAY FRNG

E.T., CBL TRY FRNG

PAGE 1249
(RGICOB)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS						
RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P ₀ PSF	TO DEG R
17	2.989	4.975	1.985	2456.	67.95	425.0
TEST DATA						
RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P1/P	P1/F0
17	15.000	.19000-01	362.00	578.8	8.517	.2357
17	15.000	.22000-01	365.00	236.4	3.479	.9630-01
17	31.500	.19000-01	363.00	608.6	8.956	.2478
17	31.500	.22000-01	366.00	236.3	3.478	.9620-01
17	33.070	.31500-01	416.00	38.55	.5672	.1570-01
17	33.070	.31700	418.00	44.95	.6615	.1830-01
17	33.420	.31100	415.00	36.81	.5418	.1500-01
17	47.000	.19000-01	364.00	588.1	8.655	.2395
17	47.000	.22000-01	367.00	300.7	4.425	.1224

PI(SI)	CP(SI)	CP(SI)
-4.417	-4.202	.2721
-5.222	.3963	-.7590-01
-4.347	1.272	.2926
-5.223	.3961	-.7580-01
-5.688	-.6920-01	.1220-01
-5.673	.5410-01	.9500-02
-5.692	-.7330-01	.1290-01
-4.395	.1224	-.2785
-5.071	.5476	-.1080

DATE 01 OCT

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-01. E.T. CABLE TRAY FRNG

E.T., CBL, TRY FRNG

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-01. E.T. CABLE TRAY FRNG

E.T., CBL, TRY FRNG

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	P0 PSFA	P PSFA	Q PSF	T0 DEG R
14	3.512	5.022	1.839	3479.	44.87	387.3	211.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CP(1/SI)
14	15.000	.19000-01	362.00	440.1	9.809	.1265	1.021	-7.846	-1.1301
14	15.000	.22000-01	365.00	222.8	4.966	.6410-01	.4595	-8.407	-5470-01
14	31.500	.19000-01	363.00	469.2	10.46	.1349	1.096	-7.771	-1410
14	31.500	.22000-01	366.00	215.7	4.808	.6200-01	.4411	-8.425	-5240-01
14	33.070	.31500	416.00	26.81	.5975	.700-02	.4660-01	-8.913	-5200-02
14	33.070	.31700	418.00	36.58	.8153	.1050-01	.2140-01	-8.888	-2400-02
14	33.420	.31100	415.00	25.94	.5782	.7500-02	.4590-01	-8.915	-5500-02
14	47.000	.19000-01	364.00	558.8	12.45	.1606	.1327	-7.539	-1760
14	47.000	.22000-01	367.00	265.2	5.911	.7620-01	.5689	-8.298	-6860-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

E.I. CBL TRY FRNG

IH11. MODEL 84-0T. E.I. CABLE TRAY FRNG

PARAMETRIC DATA

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(RGIC08)

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P PSFA	Q PSF	T ₀ DEG R
14	3.512	.2394-01	1.837	3477.	44.84	387.1	211.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁ PSFA	P ₁ /P	P ₁ /FO	CP(1)	CP(SI)	CP(SI)	CP1/SI
14	15.000	.19000-01	362.00	582.9	13.00	.1677	1.390	-7.476	-7.476	-.1860
14	15.000	.22000-01	365.00	250.5	5.586	.7210-01	.5313	-8.335	-8.335	-.6370-01
14	31.500	.19000-01	363.00	637.4	14.21	.1833	1.531	-7.335	-7.335	.2087
14	31.500	.22000-01	366.00	234.9	5.239	.6760-01	.1911	-8.375	-8.375	.5860-01
14	33.070	.31500	416.00	33.53	7.478	.5600-02	.2920-01	-8.895	-8.895	.3300-02
14	33.070	.31700	418.00	39.40	.8785	.1130-01	.1410-01	-8.880	-8.880	.1600-02
14	33.420	.31100	415.00	32.76	.7304	.9400-02	.3120-01	-8.897	-8.897	.3500-02
14	47.000	.19000-01	364.00	575.6	12.84	.1656	1.371	-7.495	-7.495	-.1830
14	47.000	.22000-01	367.00	269.4	6.008	.7750-01	.5802	-8.286	-8.286	-.7000-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

E.T. CBL TRY FRNG

IH11, MODEL B*-OT. E.T. CABLE TRY FRNG

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁻⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
14	3.511	-4.953	1.831	3478.	44.87	387.3	211.6

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P/I/P	P/I/FO	CP(I)	CP(SI)	CPI/SI
14	15.000	.19000-01	362.00	622.6	13.87	.1790	1.492	-7.373	-.2023
14	15.000	.22000-01	365.00	312.0	6.953	.8970-01	.6898	-8.175	-.8440-01
14	31.500	.19000-01	363.00	626.7	13.96	.1802	1.502	-7.362	-.2040
14	31.500	.22000-01	366.00	278.8	6.213	.8020-01	.6040	-8.26	-.7310-01
14	33.070	.31500	416.00	42.35	.9437	.1320-01	.6500-02	-8.871	.7000-03
14	33.070	.31700	418.00	47.35	1.055	.1360-01	.6400-02	-8.858	.7000-03
14	33.420	.31100	415.00	40.95	.9128	.1180-01	.1010-01	-8.875	.1100-02
14	47.000	.19000-01	364.00	593.6	13.00	.1678	1.391	-7.474	-.1861
14	47.000	.22000-01	367.00	299.2	6.666	.8600-01	.6566	-8.208	-.8000-01

DATE 01 OCT 80

IHI1 INTEGRATED VEHICLE PRESSURE DATA

IHI1, MODEL 84-01, E.T. CABLE TRAY FRNG

E.T. CBL TRY FRNG

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(RGIC09)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	0 PSF	TO SEG R
19	2.495	-4.996	X10 6 2.164	1950.	115.1	501.4	288.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CP(S1)
19	15.000	.19000-01	362.00	787.5	6.841	.4038	1.341	-2.319	-5784
19	15.000	.22000-01	365.00	507.6	4.410	.2603	.7828	-2.677	-2721
19	31.500	.19000-01	363.00	835.2	7.255	.4283	1.436	-2.224	-6458
19	31.500	.22000-01	356.00	518.8	4.507	.2561	.8052	-2.854	-2821
19	33.070	.31500	416.00	106.0	.9208	-.440-01	-.1820-01	-3.678	.4900-02
19	33.070	.31700	418.00	116.8	1.015	.5990-01	.3400-02	-3.656	.9000-03
19	33.420	.31100	415.00	103.7	.9013	.5320-01	-.2270-01	-3.682	.6200-02
19	47.000	.19000-01	364.00	211.8	7.052	.4163	1.389	-2.270	.6120-
19	47.000	.22000-01	367.00	557.3	4.842	.2858	.8820	-2.778	-3175

DATE 01 OCT 80

IHI1 INTEGRATED VEHICLE PRESSURE DATA

IHI1. MODEL 84-01. E.I. CABLE TRAY FRNG

E.I..CBL TRY FRNG

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(RGIC09)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
19	2.495	.1397-01	2.163	1950.	115.1	501.3	288.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P11 PSFA	P1/P	P1/F0	CP(I)	CP(S1)	CP1/S1
19	15.000	.19000-01	362.00	737.2	6.405	.3781	1.241	-2.419	-.5130
19	15.000	.22000-01	365.00	401.5	3.488	.2059	.5712	-3.088	-.850
19	31.500	.19000-01	363.00	796.8	6.923	.4087	1.360	-.2.300	-.5912
19	31.500	.22000-01	366.00	402.5	3.497	.2064	.5733	-3.086	-.1858
19	33.070	.31500	416.00	90.00	.7820	.4620-01	.5010-01	-3.710	.1350-01
19	33.070	.31700	418.00	96.67	.8339	.4960-01	.3680-01	-3.696	.9900-02
19	33.420	.31100	415.00	86.80	.7542	.4450-01	.5640-01	-3.716	.1520-01
19	47.000	.19100-01	364.00	803.1	6.978	.4119	1.372	-2.297	-.6000
19	47.000	.22000-01	367.00	485.1	4.215	.2488	.7381	-2.922	-.2526

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E.T. CBL TRY FRNG

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-01. E.T. CABLE TRAY FRNG

PAGE 1255
(RGIC09)

PARAMETRIC DATA

BETA = 5.000

RUN NUMBER	MACH	ALPHA DEG.	*** TEST CONDITIONS ***			P SF	PSF A	P SF	P SF A	DEG R
			RN/FT X10 6	PO PSF A	P PSF A					
19	2.495	4.993	2.164	1950.	115.1	501.5	288.0			
*** TEST DATA ***										
RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CP(SI)	CPI/SI
19	15.000	.19000-C1	362.00	682.7	5.930	.3501	1.132	-2.528	-4.478	
19	15.000	.22000-01	365.00	316.2	2.747	.1622	.4011	-3.259	-1.1231	
19	31.500	.19000-01	363.00	756.4	6.571	.3878	1.279	-2.381	-5.372	
19	31.500	.22000-01	366.00	329.6	2.863	.1690	.4277	-3.232	-1.1323	
19	33.070	.311500	416.00	64.80	.5629	.320-01	.1004	-3.760	-2670-01	
19	33.070	.311700	418.00	74.97	.6512	.3840-01	.8010-01	-3.740	-2140-01	
19	33.420	.311100	415.00	64.97	.5644	.3330-01	.1000+00	-3.760	-2660-01	
19	47.000	.19000-01	364.00	786.1	6.828	.4031	1.378	-2.322	-5.764	
19	47.000	.22000-01	367.00	444.0	3.857	.2277	.6559	-3.004	-2184	

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DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-01. E.T. CABLE TRAY FRNG

E.T.,CBL TRY FRNG

PAGE 1256
(RGIC09)

PARAMETRIC DATA

BETA = 5.000

•••TEST CONDITIONS•••

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁻⁶	PO PSFA	P PSFA	Q PSF	T ₀ DEG R
18	2.989	4.979	1.982	2456.	67.95	425.0	240.5

•••TEST DATA•••

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CPI(I)	CP(SI)	CP1/SI
18	15.000	.19000-01	362.00	538.6	7.926	.2193	1.107	-4.511	-2455
18	15.000	.22000-01	365.00	228.5	3.363	.930-01	.3779	-5.240	-.7210-01
18	31.500	.19000-01	363.00	604.7	8.900	.2463	1.263	-4.355	-.2900
18	31.500	.22000-01	366.00	244.5	3.598	.9980-01	.4154	-5.203	-.7980-01
18	33.070	.31500	416.00	36.97	.5442	.1510-01	.7290-01	-5.691	.1280-01
18	33.070	.31700	418.00	45.41	.6684	.1850-01	.5300-01	-5.671	.9300-02
18	33.420	.31100	415.00	37.58	.5531	.1530-01	.7150-01	-5.690	.1260-01
18	47.000	.19000-01	364.00	637.8	9.387	.2597	1.341	-4.277	-.3135
18	47.000	.22000-01	367.00	345.1	5.078	.1405	.6521	-4.966	-.1313

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IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-0T. E.T. CABLE TRAY FRNG

E.T. CBL TRY FRNG

PAGE 1257
(RGIC09)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS							
RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P ₀ PSFA	P PSFA	Q PSF	TO DEG R
18	2.989	.1597-01	1.981	2452.	67.85	424.3	240.2
TEST DATA							
RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)
18	15.000	.19000-01	362.00	596.7	8.794	.2434	1.246
18	15.000	.22000-01	365.00	285.6	4.209	.1165	-4.372
18	31.500	.19000-01	363.00	649.8	9.578	.5131	-.2850
18	31.500	.22000-01	366.00	298.3	4.396	.2650	-5.105
18	33.070	.31500	416.00	52.03	1.217	1.372	-.1005
18	33.070	.31700	418.00	766.9	.120-01	.5430	-.3230
18	33.420	.31100	415.00	70.34	1.037	.3730-01	-.247
18	47.000	.19000-01	364.00	50.39	.7427	.120-01	-.1070
18	47.000	.22000-01	367.00	655.3	9.659	.2060-01	-.655
				372.5	5.490	.2673	-.6600-02
						.1519	-.900
						.7179	-.1465

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-01, E.T. CABLE TRAY FRNG

E.T.,CBL TRY FRNG

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	PO PSFA	P PSFA	Q PSF	T ₀ DEG R
18	2.989	-4.976	1.981	2452.	67.87	424.5	240.4

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CP1/SI
18	15.000	.19000-01	362.00	637.1	9.387	.2598	1.341	-.277	.3135
18	15.000	.22000-01	365.00	364.6	5.372	.1487	.6991	-.919	-.1421
18	31.500	.19000-01	363.00	677.9	9.990	.2764	1.437	-.181	.3438
18	31.500	.22000-01	366.00	373.6	5.505	.1523	.7203	-.898	-.1471
18	33.070	.31500	416.00	66.07	.9736	.6890-01	-.4200-02	5.622	.8000-03
18	33.070	.31700	418.00	85.51	1.260	.3490-01	.4160-01	5.576	-.7500-02
18	33.420	.31100	415.00	65.12	.9596	.2660-01	-.6500-02	5.625	-.1100-02
18	47.000	.19000-01	364.00	656.3	9.670	.2676	1.366	-.232	.3276
18	47.000	.22000-01	367.00	416.4	6.136	.1698	.8212	-.797	-.1712

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-0T. E.T. CABLE TRAY FRNG

E.T. CBL TRY FRNG

PAGE 1259
(RG1C09)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁻⁶	P ₀ PSFA	P PSFA	Q PSF	TO DEG R
13	3.512	-4.970	1.850	3483.	44.90	387.6	210.2

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P ₁ /P	P ₁ /F ₀	CP(1)	CP(SI)	CP(SI)
13	15.000	.19000-01	362.00	601.9	13.41	.1728	1.437	-7.433	.1933
13	15.000	.22000-01	365.00	334.5	7.451	.9600-01	.7472	-8.122	.9200-01
13	31.500	.19000-01	363.00	644.0	14.35	.1849	1.546	-7.324	.2110
13	31.500	.22000-01	365.00	335.0	7.461	.9620-01	.7484	-8.121	.9220-01
13	33.070	.31500	416.00	51.12	1.139	.1470-01	.1610-01	-8.854	.1800-02
13	33.070	.31700	418.00	54.81	1.221	.1570-01	.2560-01	-8.844	.2900-02
13	33.420	.31100	415.00	50.43	1.123	.1450-01	.1430-01	-8.855	.1600-02
13	47.000	.19000-01	364.00	625.9	13.94	.1797	1.499	-7.371	.2034
13	47.000	.22000-01	367.00	380.2	8.469	.1092	.8650	-8.005	.1081

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-01, E.T. CABLE TRAY FRNG

E.T., CBL TRY FRNG

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	TO DEG R
13	3.512	.6002-02	1.844	3477.	44.84	387.0	210.5

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP(S1)
13	15.000	.19000-01	362.00	558.7	12.46	.1607	1.328	-7.540	-.1761
13	15.000	.22000-01	365.00	254.3	5.672	.7310-01	.5411	-8.327	-.6500-01
13	31.500	.19000-01	363.00	608.7	13.58	.1751	1.457	-7.411	-.1966
13	31.500	.22000-01	356.00	264.2	5.892	.7500-01	.5667	-8.301	-.6830-01
13	33.070	.31500	416.00	39.47	.8804	.1140-01	-.1390-01	-8.882	.1600-02
13	33.070	.31700	418.00	44.61	.9950	.1280-01	-.6000-03	-8.868	.1000-03
13	33.420	.31100	415.00	37.83	.8438	.1090-01	-.1810-01	-8.886	.2000-02
13	47.000	.19000-01	364.00	619.9	13.83	.1783	1.486	-7.382	-.2013
13	47.000	.22000-01	367.00	7.584	.9780-01	.7627	-8.105	-.9410-01	

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E.I. CBL TRY FRNG

IH1 INTEGRATED VEHICLE PRESSURE DATA
IH1. MODEL 84-01. E.I. CABLE TRAY FRNG

PAGE 1261
(RGIC09)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS
RUN MACH ALPHA DEG.
NUMBER /FT X10 6
13 3.512 5.006 1.844 3480. 44.87 387.4 210.6

TEST DATA
RUN THE TA X/LREF TAP NO P(1) PI/P PI/FO CP(1) CP(S1) CPI/SI
13 15.000 19000-01 362.00 496.5 11.07 1427 1.166 -7.702 -.1514
13 15.000 .22000-01 365.00 213.1 4.749 .6120-01 .4343 -8.434 -.5150-01
13 31.500 .19000-01 363.00 574.1 12.79 .1650 1.366 -.7502 -.1821
13 31.500 .22000-01 366.00 226.2 5.04 .F500-01 .4681 -8.400 -.5570-01
13 33.070 .31500 416.00 26.24 .5849 .1500-02 -.4810-01 -8.916 .5400-02
13 33.070 .31700 418.00 36.67 .8172 .1050-01 -.2120-01 -8.889 .2400-02
13 33.420 .31100 415.00 26.85 .5983 .7700-02 -.4650-01 -8.915 .5200-02
13 47.000 .19000-01 364.00 525.8 13.28 .1712 1.422 -7.446 -.1910
13 47.000 .22000-01 367.00 317.9 7.036 .9140-01 .7050 -8.163 -.8640-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-T. E.T. CABLE TRAY FRNG

E.T. CBL TRY FRNG

PAGE 1262
(RGIC13)

PARAMETRIC DATA

BETA = -5.000

••• TEST CONDITIONS •••

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	PO PSFA	P PSFA	Q PSF	TO DEG R
48	2.495	-4.943	2.159	1950.	115.1	501.3	288.5

••• TEST DATA •••

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CPI/SI
48	15.000	.190000-01	362.00	801.5	6.963	.4111	1.369	-2.290	-.5977
49	15.000	.220000-01	365.00	432.2	3.755	.2217	.6325	-3.027	-.2089
49	31.500	.190000-01	363.00	769.4	6.684	.3946	1.305	-.2.354	-.5543
49	31.500	.220000-01	366.00	373.5	3.245	.1916	.5155	-3.144	-.1640
49	33.070	.315000	416.00	73.86	.6417	.790-01	-.8230-01	-3.742	.2200-01
49	33.070	.317000	418.00	91.59	.7957	.4700-01	-.4690-01	-3.706	.1270-01
49	33.420	.311000	415.00	74.81	.6500	.3840-01	-.8040-01	-3.740	.2150-01
48	47.000	.190000-01	364.00	681.5	5.921	.3495	1.130	-2.530	-.4466
48	47.000	.220000-01	367.00	377.1	3.276	.1934	.5226	-3.137	-.1666

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E.T. CBL TRY FRNG

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-T. E.T. CABLE TRAY FRNG

PAGE 1263
(RGIC13)

PARAMETRIC DATA

BETA = -5.000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
48	2.494	.5697-03	2.158	1950.	115.1	501.4	288.6

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P/I/P	P/I/F0	CP(I)	CP(SI)	CPI/SI
48	15.000	.190000-01	362.00	771.2	6.700	.3955	1.309	-2.351	-5567
48	15.000	.220000-01	365.00	366.2	3.181	.1878	.5007	-3.159	-1585
48	31.500	.190000-01	363.00	747.8	6.497	.3835	1.262	-2.398	-5264
48	31.500	.220000-01	366.00	310.2	2.695	1.591	.3892	-3.270	-1190
48	33.070	.315000	416.00	71.13	.6179	.3650-01	.87770-01	-3.747	.2340-01
48	33.070	.317000	418.00	79.16	.6877	.4060-01	.71770-01	-3.731	.1920-01
48	33.420	.311000	415.00	66.80	.5803	.3430-01	.9660-01	-3.756	.2570-01
48	47.000	.190000-01	364.00	691.5	6.007	.3546	1.150	-2.510	.4581
48	47.000	.220000-01	367.00	332.8	2.892	.1707	.4303	-3.225	-1.347

TEST CONDITIONS

TEST DATA

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 8H-T. E.T. CABLE TRAY FRNG

E.T. CBL TRY FRNG

PAGE 1264
(RGIC13)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	PO PSFA	P PSFA	Q PSF	T0 DEG R
48	2.494	5.015	2.157	1950.	115.1	501.4	288.7

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CP(S1)
48	15.000	.19000-01	362.00	821.8	7.138	.4214	1.409	-2.250	-.6264
48	15.000	.22000-01	365.00	283.5	2.462	.1454	.3357	-3.324	-.1010
48	31.500	.19000-01	363.00	851.1	7.393	.4364	1.468	-.2.192	-.6697
48	31.500	.22000-01	366.00	298.7	2.594	.1532	.3660	-.3.293	-.1111
48	33.070	.31500	416.00	60.64	.5267	.3110-01	1.087	-.3.768	.2880-.01
48	33.070	.31700	418.00	64.98	.5644	.3330-01	1.0000+00	-.3.759	.2660-.01
48	33.420	.31100	415.00	61.42	.5335	.3150-01	1.071	-.3.766	.2840-.01
48	47.000	.19000-01	364.00	821.9	7.139	.4215	1.410	-.2.250	-.6265
48	47.000	.22000-01	367.00	300.0	2.606	.1538	.3687	-.3.291	-.1121

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII, MODEL 84-T. E.T. CABLE TRAY FRNG
E.T., CBL TRY FRNG

PAGE 1265
(RG(C13))

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	PO PSFA	P PSFA	Q PSF	TO DEG R
43	2.389	5.026	1.989	2463.	68.15	426.2	240.4

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CP1/SI
43	15.000	.19000-01	362.00	557.4	8.180	.2263	1.148	-4.471	.2567
43	15.000	.22000-01	365.00	228.2	3.349	.9270-01	.3756	-5.243	.7160-01
43	31.500	.19000-01	363.00	559.8	8.214	.2272	1.153	-4.466	.2583
43	31.500	.22000-01	366.00	226.1	3.318	.9180-01	.3706	-5.248	.7060-01
43	33.070	.31500-01	416.00	34.07	.5000	.1380-01	.7990-01	-5.699	.1400-01
43	33.070	.31700-01	418.00	45.06	.6612	.1830-01	.5420-01	-5.673	.9500-02
43	33.420	.31100-01	415.00	34.85	.5114	.1410-01	.7810-01	-5.697	.1370-01
43	47.000	.19000-01	364.00	535.6	7.959	.2174	1.097	-4.522	.2425
43	47.000	.22000-01	367.00	248.5	3.646	.1009	.4230	-5.196	.8140-01

DATE 01 OCT 80

[H11] INTEGRATED VEHICLE PRESSURE DATA

I[H11] MODEL 84-T. E.T. CABLE TRAY FRNG
E.T., CBL TRY FRNGPAGE 1266
(RGIC13)

E.T., CBL TRY FRNG

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P PSFA	Q PSF	T ₀ DEG R
43	2.989	.8997-02	1.984	2458.	68.02	425.4	240.4

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P ₁ /P	P ₁ /F ₀	C _{P1} (1)	C _{P1} (S1)	C _{P1} (S1)
43	15.000	.19000-01	362.00	617.3	9.076	.2511	1.291	-4.327	.2984
43	15.000	.22000-01	365.00	280.2	4.120	.1140	.4988	-5.120	.9740-01
43	31.500	.19000-01	363.00	596.7	8.772	.2427	1.243	-4.376	.2840
43	31.500	.22000-01	366.00	243.7	3.583	.9910-01	.4129	-5.206	.7930-01
43	33.070	.31500	416.00	40.39	.5938	.1640-01	-.6490-01	-5.683	.1140-01
43	33.070	.31700	418.00	55.34	.8136	.2250-01	-.2980-01	-5.648	.5300-02
43	33.420	.31100	415.00	39.44	.5798	.1600-01	-.6720-01	-5.686	.1180-01
43	47.000	.19000-01	364.00	516.1	8.029	.2221	1.124	-4.495	.2500
43	47.000	.22000-01	367.00	255.4	3.755	.1039	.4405	-5.178	.8510-01

DATE 01 OCT 80

IHI INTEGRATED VEHICLE PRESSURE DATA
IHI. MODEL 84-T. E.T. CABLE TRAY FRNG

E.T. CBL TRY FRNG

PAGE 1267
(RGIC13)

PARAMETRIC DATA

BETA = -5.000

		*** TEST CONDITIONS ***					
RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P ₀ PSF A	Q PSF	T ₀ DEG R
43	2.989	-4.938	1.986	2460.	68.06	425.7	240.3
*** TEST DATA ***							
RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁ PSF A	P ₁ /P	P ₁ /P ₀	CP(I)
43	15.000	.19000-01	362.00	658.1	9.670	.2675	1.386
43	15.000	.22000-01	365.00	332.3	4.883	.1351	.6208
43	31.500	.19000-01	363.00	636.5	9.206	.2547	1.312
43	31.500	.22000-01	366.00	270.1	3.968	.1098	.4745
43	33.070	.31500	416.00	46.12	.6776	.1870-01	.5.144
43	33.070	.31700	418.00	58.08	.8534	.2360-01	.5150-01
43	33.420	.31100	415.00	44.04	.6471	.1790-01	.2340-01
43	33.420	.19000-01	364.00	550.3	8.085	.2237	.5.670
43	47.000	.22000-01	367.00	266.4	3.914	.1083	.4659

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DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-T, E.T. CABLE TRY FRNG

E.T. .CBL TRY FRNG

PAGE 1268
(RGIC13)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
42	3.512	-4.935	1.845	3481.	44.89	387.5	210.5

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CPI/SI
42	15.000	.19000-01	362.00	621.2	13.84	.1784	1.487	-7.381	.2015
42	15.000	.22000-01	365.00	299.7	6.677	.8610-01	.6577	-8.211	.8010-01
42	31.500	.19000-01	363.00	584.9	13.03	.1680	1.394	-7.475	.1865
42	31.500	.22000-01	366.00	241.3	5.377	.6930-01	.5070	-8.361	.6060-01
42	33.070	.416.00	30.66	6831	6.6000-02	.3670-01	.8.905	.4100-02	
42	33.070	.31700	418.00	54.52	1.215	.1570-01	.2490-01	-8.844	.2800-02
42	33.070	.31100	415.00	30.40	.6773	.8700-02	.3740-01	-8.906	.4200-02
42	47.000	.19000-01	364.00	513.5	11.44	.1475	.1.209	-7.659	.1579
42	47.000	.22000-01	367.00	236.7	5.274	.6800-01	.4951	-8.373	.5910-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-T. E.T. CABLE TRAY FRNG

E.T. CBL TRY FRNG

PAGE 1269
(RGIC13)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/F1 /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	R DEG R
42	3.512	.6188-02	1.841	3480.	44.87	387.4	210.8

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P11 PSFA	P1/P	P1/FO	CP(11)	CP(S1)	CP(S1)
42	15.000	19000-01	352.00	539.8	12.03	.1551	1.278	-7.590	-1683
42	15.000	.22000-01	365.00	252.4	5.624	.7250-01	.5356	-8.332	-6430-01
42	31.500	19000-01	363.00	538.5	12.00	.1548	1.274	-7.593	-1678
42	31.500	.22000-01	366.00	227.3	5.065	.6530-01	.4709	-8.396	-5610-01
42	33.070	31500	416.00	26.43	.5890	.6000-02	.4760-01	-8.915	.5300-02
42	33.070	31700	418.00	38.70	.8625	.1110-01	.1590-01	-8.883	.1800-02
42	33.420	31100	415.00	26.42	.5890	.7600-02	.4760-01	-8.915	.5300-02
42	47.000	19000-01	364.00	497.1	11.08	.1429	1.168	-7.700	-1516
42	47.000	.22000-01	367.00	231.0	5.147	.6640-01	.4804	-8.387	-5730-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-T. E.T. CABLE TRAY FRNG

E.T., CBL, TRY FRNG

PAGE 1270
(RGIC13)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P _O PSFA	P _{SFA}	Q PSF	T _O DEG R
42	3.512	5.023	1.838	3479.	44.87	387.3	211.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CPI/SI
42	15.000	.19000-01	362.00	457.2	10.19	1314	1.064	-7.802	-1.364
42	15.000	.22000-01	365.00	204.9	4.567	.5890-01	.4132	-8.453	-4.890-01
42	31.500	.19000-01	365.00	550.1	12.26	.1581	1.304	-7.562	-1.725
42	31.500	.22000-01	366.00	210.2	4.684	.6040-01	.4268	-8.439	-5.060-01
42	33.070	.31500-01	416.00	24.86	.5539	.7100-02	.5170-01	-8.918	.5800-02
42	33.070	.31700	418.00	33.35	.7432	.9600-02	.2980-01	-8.896	.3300-02
42	33.420	.31100	415.00	25.29	.5636	.7300-02	.5050-01	-8.917	.5700-02
42	41.000	.19000-01	364.00	522.8	11.65	.1503	1.234	-7.632	-1.617
42	47.000	.22000-01	367.00	199.9	4.455	.5750-01	.4003	-8.466	-4.730-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-T, E.T. CABLE TRAY FRNG

E.T., CBL TRY FRNG

PARAMETRIC DATA

BETA = .0000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 6	***TEST CONDITIONS***		P PSF A	P PSF	Q PSF	T0 DEG R
				PO /FT	PSF A				
47	2.495	5.043	2.166	1952.	115.2	501.9	288.0		
TEST DATA									
RUN NUMBER	THETA	X/LREF	TAP NO	P11 PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP(S1)
47	15.000	.19000-01	362.00	724.7	6.290	.3713	1.214	-2.445	-.4966
47	15.000	.22000-01	365.00	285.1	2.483	.1466	.3405	-3.319	-.1026
47	31.500	.19000-01	363.00	764.7	6.637	.3918	1.294	-2.366	-.5470
47	33.070	.22000-01	365.00	292.2	2.536	.1497	.3525	-3.307	-.1066
47	33.070	.31500	416.00	68.03	.5905	.5490-01	.9400-01	-3.754	.2500-01
47	33.420	.31100	415.00	68.81	.6486	.3830-01	.8070-01	-3.740	.2160-01
47	47.000	.19000-01	364.00	768.9	.5972	.3530-01	.9250-01	-3.752	.2460-01
47	47.000	.22000-01	367.00	376.6	6.674	.3939	1.303	-2.357	-.5526
					3.268	.1929	.5207	-3.139	-.1659

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-1, E.T. CABLE TRAY FRNG

E.T., CBL, TRY FRNG

PAGE 1272
(RGIC14)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P ₀ PSF A	P ₀ PSF A	TO DEG R
47	2.495	-4.943	2.159	1950.	115.1	501.4
						288.5

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁ PSFA	P ₁ /P	P ₁ /FO	CP(1)	CP(SI)	CP(SI)
47	15.000	.19000-01	362.00	807.3	7.013	.4140	1.381	-2.279	-.6058
47	15.000	.22000-01	365.00	454.0	3.944	.2328	.6758	-2.984	-.2265
47	31.500	.19000-01	363.00	810.5	7.041	.4156	1.387	-2.273	-.6103
47	31.500	.22000-01	366.00	436.4	3.791	.2238	.6407	-3.019	-.2122
47	33.070	.31500	416.00	89.19	.7747	.4570-01	.5170-01	-3.711	.1390-01
47	33.070	.31700	418.00	97.58	.8476	.5000-01	.3500-01	-3.694	.9500-02
47	33.420	.31100	415.00	92.04	.7995	.4720-01	.4600-01	-3.706	.1240-01
47	47.000	.19000-01	364.00	753.7	6.547	.3865	1.274	-2.386	-.5338
47	47.000	.22000-01	367.00	471.2	4.093	.2417	.7102	-2.949	-.2408

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DATE 01 OCT 80

'411 INTEGRATED VEHICLE PRESSURE DATA

E.T., CBL TRY FRNG

IHII, MODEL 84-T, E.T. CABLE TRAY FRNG

PAGE 1273
(RGIC14)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
44	2.989	-4.938	X10 6 1.986	2457.	67.97	425.2	240.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(L) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP(S1)
44	15.000	.19000-01	362.00	659.8	9.707	.2686	1.392	-4.227	-.3293
44	15.000	.22000-01	365.00	341.5	5.023	.1390	.6432	-4.975	-.1293
44	31.500	.19000-01	363.00	663.1	9.755	.2699	1.400	-4.219	-.3318
44	31.500	.22000-01	366.00	313.9	4.618	.1278	.5785	-5.040	-.1148
44	33.070	.31500-	416.00	54.85	.8069	.2230-01	.3090-01	-5.650	.5500-02
44	33.070	.31700-	418.00	60.02	.8830	.2440-01	.1870-01	-5.637	.3300-02
44	33.420	.31100-	415.00	56.75	.8349	.2310-01	.2640-01	-5.645	.4700-02
44	47.000	.19000-01	364.00	615.9	9.061	.2507	1.289	-4.330	-.2976
44	47.000	.22000-01	367.00	339.0	4.987	.1380	.6373	-4.961	-.1279

DATE 0: OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-T, E.T. CABLE TRAY FRNG

E.T., CBL, TRY FRNG

PAGE 1274
(RGIC14)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X ¹⁰ 6	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
44	2.989	.3379-02	1.987	2455.	67.91	424.8	240.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P ₁ /P	P ₁ /FO	CP(1)	CP(SI)	CP1/SI
44	15.000	.19000-01	362.00	610.7	8.992	.2488	1.278	-4.341	-.2943
44	15.000	.22000-01	365.00	274.2	4.038	.1117	.4857	-5.133	-.9460-01
44	31.500	.19000-01	363.00	621.0	9.144	.2530	1.302	-4.317	-.3016
44	31.500	.22000-01	366.00	257.2	3.788	.1048	.4457	-5.173	-.8620-01
44	33.070	.31500	416.00	45.31	.6671	.1250-01	.5320-01	5.672	.9400-02
44	33.070	.31700	418.00	55.74	.8209	.2270-01	.2870-01	5.647	.5100-02
44	33.420	.31100	415.00	48.17	.7692	.1960-01	.4650-01	5.665	.8200-02
44	47.000	.19000-01	364.00	604.6	8.903	.2463	1.263	-4.355	-.2901
44	47.000	.22000-01	367.00	305.3	4.495	.1244	.5587	-5.060	-.1104

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-T. E.T. CABLE TRAY FRNG

E.T., CBL TRY FRNG

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	F0 PSF A	P PSF A	Q PSF	T0 DEG R
44	2.989	5.026	1.986	2457.	67.98	425.2	240.2

TEST DATA

RUN NUMBER	THETA X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CP1/SI
44	15.000	.190000-01	362.00	576.3	8.479	.2346	1.196	-4.423
44	15.000	.220000-01	365.00	235.1	3.459	.3570-01	.3931	-.2703
44	31.500	.190000-01	363.00	602.4	8.862	.2452	1.257	-.5.225
44	31.500	.220000-01	366.00	236.0	3.472	.9600-01	.3951	-.7520-01
44	33.070	.315000	416.00	39.33	.5786	1.600-01	.6790-01	-.4.362
44	33.070	.317000	418.00	44.24	.6519	1.900-01	.5686	-.2882
44	33.420	.311000	415.00	39.85	.5862	.1620-01	.5.674	-.7560-01
44	47.000	.190000-01	364.00	580.4	8.538	.2362	1.205	.9800-02
44	47.000	.220000-01	367.00	299.7	4.409	.1220	.5450	.1160-01

RUN NUMBER	THETA X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CP1/SI
44	15.000	.190000-01	362.00	576.3	8.479	.2346	1.196	-4.423
44	15.000	.220000-01	365.00	235.1	3.459	.3570-01	.3931	-.2703
44	31.500	.190000-01	363.00	602.4	8.862	.2452	1.257	-.5.225
44	31.500	.220000-01	366.00	236.0	3.472	.9600-01	.3951	-.7520-01
44	33.070	.315000	416.00	39.33	.5786	1.600-01	.6790-01	-.4.362
44	33.070	.317000	418.00	44.24	.6519	1.900-01	.5686	-.2882
44	33.420	.311000	415.00	39.85	.5862	.1620-01	.5.674	-.7560-01
44	47.000	.190000-01	364.00	580.4	8.538	.2362	1.205	.9800-02
44	47.000	.220000-01	367.00	299.7	4.409	.1220	.5450	.1160-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-T. E.I. CABLE TRAY FRNG

E.I. CBL TRY FRNG

PAGE 1276
(RGIC14)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSF A	P0 PSF A	Q PSF	T0 DEG R
41	3.512	5.040	X10 6 1.859	3483.	44.88	387.6	209.4

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSF A	P1/P	P1/F0	CP(I)	CP(SI)	CP(SI)
41	15.000	.19000-01	262.00	425.6	9.483	.1222	.9823	-7.890	-.1245
41	15.000	.22000-01	365.00	217.0	4.834	.6230-01	.4440	-8.428	-.5270-01
41	31.500	.19000-01	363.00	461.9	10.29	.1326	1.076	-7.796	-.1380
41	31.500	.22000-01	365.00	210.0	4.680	.6030-01	.4262	-8.446	-.5050-01
41	33.070	.31500	416.00	26.32	.5864	.6000-02	.4790-01	-8.920	.5400-02
41	33.070	.31700	418.00	39.29	.8754	.1130-01	.1440-01	-8.887	.1600-02
41	33.420	.31100	415.00	26.06	.5806	.7500-02	.4860-01	-8.921	.5400-02
41	47.000	.19000-01	354.00	543.4	12.11	.1560	1.286	-7.586	-.1696
41	47.000	.22000-01	357.00	261.4	5.825	.7500-01	.5587	-8.314	-.6720-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII, MODEL 84-T, E.T. CABLE TRAY FRNG

E.T. CBL TRY FRNG

PAGE 1277

(RGIC 4)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	PO PSFA	P PSFA	Q PSF	TO DEG R
41	3.512	.1462-01	1.852	3480.	44.86	387.3	209.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CP1/SI
41	15.000	.190000-01	362.00	577.4	12.87	.1659	1.375	-7.495	.1835
41	15.000	.220000-01	365.00	237.9	5.304	.6840-01	.4985	-8.372	.5950-01
41	31.500	.190000-01	363.00	609.7	13.59	.1752	1.458	-7.412	.1967
41	31.500	.220000-01	366.00	230.0	5.128	.6510-01	.4781	-8.392	.5700-01
41	33.070	.315000-01	116.00	33.06	.7370	.5500-02	.3050-01	-8.901	.3400-02
41	33.070	.317000-01	418.00	39.18	.8734	.1130-01	.1470-01	-8.885	.1700-02
41	33.420	.311000-01	415.00	33.15	.7389	.9500-02	.3020-01	-8.900	.3400-02
41	47.000	.190000-01	354.00	571.8	12.75	.1643	.1360	-7.510	.1811
41	47.000	.220000-01	367.00	264.7	5.900	.7600-01	.5676	-8.303	.6840-01

DATE 01 OCT 80

IH1 INTEGRATED VEHICLE PRESSURE DATA

E.T., CBL TRY FRNG

IH1. MODEL 84-T. E.T. CABLE TRAY FRNG

PAGE 1278
(RGIC14)

PARAMETRIC DATA

BETA = .00000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	PO PSF A	P PSF A	θ ₀ PSF	TO DEG R
41	3.512	-4.935	1.848	3480.	44.86	387.3	210.2

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P11 PSF A	P1/P	P1/F0	CP(11)	CP(S1)	CP1/S1
41	15.000	.190000-01	362.00	616.3	13.74	.1771	1.476	-7.394	-.1996
41	15.000	.220000-01	365.00	299.7	6.682	.8610-01	.6582	-8.211	-.8020-01
41	31.500	.190000-01	363.00	619.6	13.81	.1781	1.484	-7.395	-.2009
41	31.500	.220000-01	366.00	272.3	6.070	.7820-01	.5972	-8.282	-.7030-01
41	33.070	.315000	416.00	41.73	9.303	.1200-01	.8100-02	-8.877	.3000-03
41	33.070	.31700	418.00	44.85	.9937	.1290-01	.0000	-8.869	.0000
41	33.420	.31100	415.00	41.47	.9245	.1190-01	.8700-02	-8.878	.1000-02
41	33.420	.190000-01	364.00	577.9	12.88	.1661	.376	-7.493	-.1837
41	47.000	.220000-01	367.00	293.4	6.541	.8430-01	.6418	-8.227	-.7800-01

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DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-T. E.T. CABLE TRAY FRNG
E.T., CBL TRY FRNG

PAGE 1279
(RGICIS)

PARAMETRIC DATA

BETA = 5.000

*** TEST CONDITIONS ***
RUN MACH ALPHA P0 PSF A PSF R
NUMBER DEG. /FT /PSFA /PSFA DEG R
46 2.494 -4.949 2.157 X10 6 1946. 114.9 500.4 288.3

*** TEST DATA ***

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P(I)/P	P(I)/FO	CP(I)	CP(SI)	CPI(SI)
46	15.000	.19000-01	362.00	790.3	6.879	.4061	1.350	-2.310	-.5844
46	15.000	.22000-01	365.00	508.0	4.422	.2610	.7856	-2.874	-.2734
46	31.500	.19000-01	363.00	834.6	7.265	.4289	1.439	-.221	-.6477
46	31.500	.22000-01	366.00	512.1	4.458	.2632	.7939	-2.866	-.2771
46	33.070	.31500	416.00	98.82	.6602	.5080-01	.3210-01	-3.692	.8700-02
46	33.070	.31700	418.00	115.3	1.004	.5920-01	.8000-03	-3.659	-.2000-03
46	33.420	.31100	415.00	105.1	.9144	.5400-01	-.1960-01	-3.679	.5100-02
46	47.000	.19000-01	364.00	809.5	7.046	.4160	1.388	-2.271	-.1112
46	47.000	.22000-01	367.00	563.1	4.902	.2894	.8958	-2.764	-.3242

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-T. E.T. CABLE TRAY FRNG

E.T., CBL TRY FRNG

PAGE 1280
(RGIC15)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPPHA DEG.	RN/FT X10 ⁶	P ₀ PSF A	P _A PSF A	Q PSF	T ₀ DEG R
46	2.495	.8997-02	2.166	1952.	115.2	501.8	288.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P1/P	P1/F0	CP(1)	CP(SI)	CPI/SI
46	15.000	.1900-01	362.00	735.7	6.386	.3770	1.235	-2.423	-.5103
46	15.000	.2200-01	365.00	399.0	3.463	.2044	.5655	-3.094	-.1827
46	31.500	.1900-01	363.00	79.8	6.916	.4082	1.358	-2.301	-.5901
46	31.500	.2200-01	366.00	400.0	3.472	.2050	.5676	-3.092	-.1836
46	33.070	.31500	416.00	86.04	.7468	.410-01	.5810-01	-3.718	.1560-01
46	33.070	.31700	418.00	93.07	.8079	.4770-01	.4410-01	-3.704	.1190-01
46	33.420	.31100	415.00	88.55	.7686	.4540-01	.5310-01	-3.713	.1430-01
46	33.420	.1900-01	364.00	802.8	6.969	.4114	1.370	-2.289	-.5985
46	47.000	.2200-01	367.00	485.3	4.213	.2487	.7376	-2.922	-.2524

DATE 01 OCT 80

IH1 INTEGRATED VEHICLE PRESSURE DATA

E.T. CBL TRY FRNG
E.T. CBL TRY FRNG

IH1. MODEL 84-T.
E.T. CABLE TRAY FRNG
(RGIC15)

PARAMETRIC DATA

BETA = 5.0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
46	2.495	5.040	X10 6 2.167	1952.	115.2	501.9	288.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P1(P) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CP(SI)
46	15.000	.19000-01	362.00	682.4	5.923	.3496	1.130	-2.530	-.4468
46	15.000	.22000-01	365.00	309.0	2.682	.1583	.3861	-3.274	-.1179
46	31.500	.19000-01	363.00	758.8	6.586	.3888	1.282	-2.377	-.5394
46	31.500	.22000-01	366.00	329.4	2.859	.1588	.4268	-3.233	-.1320
46	33.070	.31500	416.00	62.89	.5459	.3220-01	1.043	-3.764	.2770-01
46	33.070	.31700	418.00	73.09	.6313	.3740-01	.8390-01	-3.744	.2240-01
46	33.420	.31100	415.00	68.61	.5782	.3410-01	.9680-01	-3.757	.2580-01
46	47.000	.19000-01	364.00	791.8	6.873	.4057	1.348	-2.312	-.5832
46	47.000	.22000-01	367.00	445.0	3.862	.22280	.6571	-3.003	-.2188

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-T. E.T. CABLE TRAY FRNG

E.T. CBL TRY FRNG

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-T. E.T. CABLE TRAY FRNG

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	P0 PSFA	P PSFA	Q PSF	T0 DEG R
46	2.495	.2585-01	2.166	1953.	115.3	502.2	288.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CP(SI)
46	15.000	.19000-01	362.00	783.9	6.800	.4014	1.331	-2.328	-5719
46	15.000	.22000-01	365.00	389.0	3.374	.1991	.5450	-3.115	-1750
46	31.500	.19000-01	363.00	798.7	6.928	.4089	1.361	-2.299	-5919
46	31.500	.22000-01	366.00	365.4	3.169	.1871	.4980	-3.162	-1575
46	33.070	.21500	416.00	76.06	.6598	.3890-01	-.7810-01	-3.738	-2990-01
46	33.070	.31700	418.00	82.36	.7144	.4220-01	-.6560-01	-3.725	-1760-01
46	33.420	.31100	415.00	80.22	.6958	.4110-01	-.6980-01	-3.730	-1870-01
46	47.000	.19000-01	364.00	767.1	6.654	.3927	1.298	-2.362	-5495
46	47.000	.22000-01	367.00	427.6	3.709	.2160	.6218	-3.038	-2047

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-T. E.T. CABLE TRAY FRNG

E.T., CBL TRY FRNG

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(RGIC15)

PARAMETRIC DATA

BETA = 5.000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
45	2.989	5.023	X10 6 1.986	2456.	67.94	425.0	240.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/F0	CPI(I)	CPI(SI)	CPI/SI
45	15.000	.19000-01	362.00	547.8	8.063	.2231	1.129	-4.489	-.2515
45	15.000	.22000-01	365.00	230.6	3.395	.9390-01	.3829	-5.236	-.7310-01
45	31.500	.19000-01	363.00	611.8	9.004	.2491	1.280	-4.339	-.2949
45	31.500	.22000-01	366.00	246.2	3.624	.1003	.4196	-5.199	-.8070-01
45	33.070	.31500	416.00	38.97	.5735	.1590-01	.6820-01	-5.687	-.1200-01
45	33.070	.31700	418.00	56.79	.8358	.2310-01	.2630-01	-5.645	.4700-02
45	33.420	.31100	415.00	41.22	.6066	.1680-01	.6290-01	-5.682	.1110-01
45	47.000	.19000-01	364.00	645.6	9.502	.2629	.1359	-4.259	.3191
45	47.000	.22000-01	367.00	346.9	5.106	.1413	.6564	-4.962	-.1323

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-T. E.T. CABLE TRAY FRNG

E.T., CBL, TRY FRNG

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(RGIC15)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
45	2.989	.1742-01	X10 ⁶ 1.985	2454.	67.91	424.7	240.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CP1/SI
45	15.000	.19000-01	362.00	599.3	8.825	.2442	1.251	-4.368	-.2864
45	15.000	.22000-01	365.00	288.5	4.248	.1175	.5193	-5.099	-.1018
45	31.500	.19000-01	363.00	652.0	9.601	.2656	1.375	-4.243	-.3241
45	31.500	.22000-01	366.00	297.0	4.373	.1210	.5393	-5.079	-.1062
45	33.070	.31500	416.00	51.88	.7639	.5110-01	.3770-01	-5.656	.6700-02
45	33.070	.31700	418.00	74.90	1.103	.3050-01	.1650-01	-5.602	-.2900-02
45	33.420	.31100	415.00	53.96	.7945	.2200-01	-.3280-01	-5.651	.5800-02
45	47.000	.19000-01	364.00	657.2	9.678	.2678	1.387	-4.231	-.3279
45	47.000	.22000-01	367.00	372.1	5.480	.1516	.7162	-4.902	-.1461

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-T, E.T. CABLE TRAY FRNG
E.T., CBL, TRY FRNG

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(RGIC15)

E.T., CBL, TRY FRNG

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
45	2.989	-4.952	X10 6 1.987	2456.	67.94	425.0	240.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P/I/P	P/I/FO	CP(I)	CP(SI)	CP(SI)
45	15.000	.19000-01	362.00	639.3	9.410	.2603	1.345	-4.274	-3146
45	15.000	.22000-01	365.00	361.8	5.325	.1473	.6914	-4.927	-1403
45	31.500	.19000-01	363.00	681.1	10.02	.2773	1.443	-4.176	-3455
45	31.500	.22000-01	366.00	368.8	5.428	.1502	.7079	-4.911	-1442
45	33.070	.31500	416.00	62.48	.9197	.5540-01	-.1280-01	-5.632	.2300-02
45	33.070	.31700	418.00	70.46	1.037	.2870-01	.5900-02	-5.613	-1100-02
45	33.420	.31100	415.00	66.29	.9757	.2700-01	-.3900-02	-5.623	.7000-03
45	47.000	.19000-01	364.00	660.7	9.724	.2690	1.395	-4.224	-3302
45	47.000	.22000-01	367.00	418.7	6.162	.1705	.8253	-4.794	-1722

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-T. E.T. CABLE TRAY FRNG

E.T..CBL TRY FRNG

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(RGIC15)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	PO PSFA	P PSFA	Q PSF	TO DEG R
40	3.513	-4.949	1.886	3481.	44.79	387.0	207.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP(S1)
40	15.000	.19000-01	362.00	597.1	13.33	.1715	1.427	-7.452	-.1915
40	15.000	.22000-01	365.00	319.6	7.137	.9180-01	.7103	-8.169	-.8690-01
40	31.500	.19000-01	363.00	638.5	14.26	.1834	1.534	-7.345	-.2089
40	31.500	.22000-01	366.00	323.8	7.229	.9300-01	.7210	-8.159	-.8840-01
40	33.070	.31500	416.00	49.45	1.104	.1420-01	.1210-01	-8.867	-.1400-02
40	33.070	.31700	418.00	52.04	1.162	.1490-01	.1870-01	-8.861	-.2100-02
40	33.420	.31100	415.00	52.56	1.174	.1510-01	.2010-01	-8.860	-.2300-02
40	47.000	.19000-01	364.00	620.6	13.86	.1783	1.485	-7.392	-.2013
40	47.000	.22000-01	367.00	371.4	8.291	.1067	.8439	-8.036	-.1050

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DATE 01 OCT 80

IH1.1 INTEGRATED VEHICLE PRESSURE DATA

E.T., CBL TRY FRNG
E.T., CBL TRY FRNG

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(RGIC15)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P ₀ /PSFA	P ₀ /PSFA	0 TO DEG R
40	3.512	.6182-02	1.864	3481.	44.85	387.3
						208.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P ₁ /P	P ₁ /P ₀	CP(1)	CP(SI)	CP(SI)
40	15.000	.19000-01	362.00	544.1	12.13	.1563	.289	-7.585	.1699
40	15.000	.22000-01	365.00	243.1	5.420	.6980-01	.5118	-.8.362	-.6120-01
40	31.500	.19000-01	363.00	591.5	13.19	.1699	1.412	-7.462	-.1892
40	31.500	.22000-01	366.00	255.2	5.691	.7351-01	.5432	-8.330	-.6520-01
40	33.070	.31500	416.00	38.05	.8484	.1090-01	-.1760-01	-8.891	.2000-02
40	33.070	.31700	418.00	44.14	.9842	.1270-01	-.1800-02	-8.875	.2000-03
40	33.420	.31100	415.00	37.87	.8446	.1040-01	-.1800-01	-8.891	.2000-02
40	47.000	.19000-01	364.00	605.1	13.49	.1738	1.447	-7.427	-.1948
40	47.000	.22000-01	367.00	329.2	7.340	.9450-01	.7341	-8.139	-.9020-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-T. E.T. CABLE TRAY FRNG

E.T.,CBL TRY FRNG

IHII. MODEL 84-T. E.T. CABLE TRAY FRNG

PARAMETRIC DATA

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(RGIC15)

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	P0 PSFA	P PSFA	Q PSF	TO DEG R
40	3.512	5.040	1.859	3483.	44.88	387.5	209.4

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P111 PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CP(SI)
40	15.000	.19000-01	362.00	493.0	10.99	.1415	1.156	-7.716	-.1499
40	15.000	.22000-01	365.00	204.1	4.549	.5860-01	.109	-8.461	-.4860-01
40	31.500	.19000-01	363.00	573.6	12.78	.1647	1.365	-7.508	-.1817
40	31.500	.22000-01	366.00	219.2	4.885	.6290-01	.4499	-8.122	-.5340-01
40	33.070	.31500	416.00	26.81	5973	.700-02	-.4660-01	-8.919	.5230-02
40	33.070	.31700	418.00	46.52	1.037	.1340-01	.4200-02	-8.868	-.5000-03
40	32.420	.31100	415.00	26.55	5916	.7600-02	-.4730-01	-8.919	.5300-02
40	47.000	.19000-01	364.00	581.4	12.96	.1669	1.385	-7.488	-.1849
40	47.000	.22000-01	367.00	307.1	6.843	.8620-01	.6766	-8.196	-.8260-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-OTS. E.T. LO2 BRACKET
E.T. LO2 BRACKET

PAGE 1289
(RGID01)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	PO PSFA	P PSFA	Q PSFA	T0 DEG R
3	2.495	-5.000	2.160	1945.	114.8	500.1	287.8

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(j) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CP1/SI
3	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
3	31.500	.62000-01	379.00	990.4	8.626	.5092	1.751	-1.909	-.9174
3	31.500	.82000-01	383.00	791.3	6.892	.4069	1.353	-2.307	-.5865
3	31.500	.10200	387.00	699.2	6.090	.7595	1.169	-2.491	-.4692
3	31.500	.12400	391.00	673.4	5.865	.1462	1.117	-2.543	-.4393
3	31.500	.14500	395.00	555.6	4.839	.2857	.8915	-2.778	-.3173
3	31.500	.19000	401.00	285.1	2.483	.1466	.3405	-3.319	-.1026
3	31.500	.23540	405.00	149.4	1.302	.7680-01	.6920-01	-3.590	-.1930-01
3	31.500	.27100	414.00	120.5	1.050	.6200-01	.1140-01	-3.648	-.3100-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-OTS, E.T. LO2 BRACKET

E.T. LO2 BRACKET

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(RG1D01)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /F ₁	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
3	2.495	.4009-02	X10 ⁶ 2.160	1946.	114.9	500.3	288.0

TEST DATA

RUN NUMBER	THE T A	X/LREF	TAP NO	P(1) PSF A	P ₁ /P	P ₁ /FO	CP(1)	CP(S1)	CP(S)
3	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
3	31.500	.62000-01	379.00	823.7	7.172	.4234	1.417	-2.243	-.6318
3	31.500	.82000-01	383.00	592.2	5.156	.3044	.9541	-2.705	-.3527
3	31.500	.10200	387.00	452.3	3.937	.2324	.6744	-2.985	-.2259
3	31.500	.12400	391.00	422.7	3.680	.2173	.6153	-3.044	-.2021
3	31.500	.14500	395.00	331.5	2.986	.1704	.4331	-3.226	-.1342
3	31.500	.19000	401.00	186.5	1.624	.9590-01	.1432	-3.516	-.4070-01
3	31.500	.23540	405.00	118.7	1.033	.6100-01	.7600-02	-3.652	-.2100-02
3	31.500	.27100	414.00	94.81	.8254	.4870-01	-.4010-01	-3.700	.1080-01

DATE 01 OCT 80

IH1 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-OTS, E.T. L02 BRACKET
E.T., L02 BRACKET

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(RG100)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSF A	P PSF A	Q PSF	T0 DEG R
3	2.495	5.016	X10 6 2.161	1946.	114.9	500.3	287.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P1/P	P1/FO	CP(1)	CP(SI)	CP1/SI
3	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
3	31.500	.62000-01	379.00	597.9	5.206	.3073	.9656	-2.694	-.3584
3	31.500	.82000-01	383.00	454.4	3.957	.2336	.6788	-2.981	-.2277
3	31.500	.10200	387.00	338.4	2.947	.1739	.4469	-3.213	-.1391
3	31.500	.12400	391.00	311.2	2.710	.1600	.3925	-3.267	-.1201
3	31.500	.14500	395.00	245.6	2.138	.1262	.2613	-3.398	-.7690-01
3	31.500	.19000	401.00	160.9	1.401	.8270-01	.9200-01	-3.567	-.2580-01
3	31.500	.23540	405.00	113.4	.9876	.5830-01	-.2800-02	-3.662	.8000-03
3	31.500	.27100	414.00	83.00	.7227	.4270-01	-.6370-01	-3.723	.1710-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-OTS, E.T. LO2 BRACKET

E.T., LO2 BRACKET

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(RG1D01)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P PSFA	Q PSF	T ₀ DEG R
9	2.989	-4.988	1.987	2451.	67.80	424.1	239.6

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁ PSFA	P ₁ /P	P ₁ /FO	CP(11)	CP(S1)	CPI/S1
9	31.500	.43000-C	373.00	999.0	999.0	999.0	999.0	999.0	999.0
9	31.500	.62000-01	379.00	827.7	12.21	.3378	1.792	-3.827	-.4683
9	31.500	.82000-01	383.00	678.3	10.01	.2768	1.440	-4.179	-.3445
9	31.500	.10200	387.00	593.7	8.758	.2423	1.240	-4.379	-.2832
9	31.500	.12400	391.00	573.0	8.452	.2338	1.191	-4.428	-.2691
9	31.500	.14500	395.00	420.9	6.208	.1718	.8326	-4.786	-.1740
9	31.500	.19000	401.00	187.6	2.768	.7660-01	.2826	-5.336	-.5300-01
9	31.500	.23540	405.00	94.76	1.398	.3870-01	.6360-01	-5.555	-.1140-01
9	31.500	.27100	414.00	75.40	1.112	.3080-01	.1790-01	-5.601	-.3200-02

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-OTS. E.T. LO2 BRACKET

E.T. LO2 BRACKET

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(RGID01)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P ₀ PSFA	P PSFA	Q PSF	TO DEG R
9	2.389	.1397-01	1.986	2449.	67.75	423.8	239.6

TEST DATA

RUN NUMBER	THETA	X/LREF.	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CPI/S1
9	31.500	.430000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
9	31.500	.620000-01	379.00	723.9	10.68	.2956	1.548	-.4.070	-.3804
9	31.500	.820000-01	383.00	493.3	7.282	.2015	1.004	-.4.614	-.2176
9	31.500	.102000	387.00	327.7	4.837	.1338	.6134	-.5.005	-.1226
9	31.500	.124000	391.00	298.4	4.404	.1219	.5443	-.5.074	-.1073
9	31.500	.145000	395.00	210.5	3.107	.8600-01	.3368	-.5.282	-.6380-01
9	31.500	.190000	401.00	120.2	1.775	.4910-01	.1239	-.5.495	-.2250-01
9	31.500	.23540	405.00	79.53	1.174	.3250-01	.2780-01	-.5.591	-.5000-02
9	31.500	.27100	414.00	57.31	.8459	.2340-01	-.2460-01	-.5.643	-.4400-02

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DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-0TS, E.T. LO2 BRACKET
E.T., LO2 BRACKET

PAGE 1295
(RGID01)

PARAMETRIC DATA

BETA = -5.000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P ₀ PSFA	P ₀ PSFA	Q PSF	T ₀ DEG R
9	2.989	4.983	1.986	2451.	67.82	424.2	239.8

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CPI/SI
9	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
9	31.500	.62000-01	379.00	470.5	6.938	.1919	.9493	-.4.669	-.2033
9	31.500	.82000-01	383.00	340.5	5.021	.1389	.6428	-.4.976	-.1292
9	31.500	.10200	387.00	236.4	3.485	.9540-01	.3973	-.5.221	-.7610-01
9	31.500	.12400	391.00	207.5	3.050	.8460-01	.3293	-.5.289	-.6230-01
9	31.500	.14500	395.00	166.3	2.452	.6780-01	.2321	-.5.387	-.4310-01
9	31.500	.19000	401.00	108.4	1.599	.4420-01	.9580-01	-.5.523	-.1730-01
9	31.500	.23540	405.00	70.33	1.037	.2870-01	.5900-02	-.5.613	-.1100-02
9	31.500	.27100	414.00	47.08	.6942	.1920-01	-.4890-01	-.5.668	.8600-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-OTS, E.T. LO2 BRACKET
E.T.,LO2 BRACKET

PAGE 1296
(RG1D01)

E.T.,LO2 BRACKET

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
6	3.510	-4.970	X10.6 1.808	3477.	44.92	387.5	213.7

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CPI/SI
6	31.500	.43000-01	373.00	999.0	999.0	.2285	1.935	-6.923	999.0
6	31.500	.62000-01	379.00	794.7	17.69	.1948	1.632	-7.226	-.2795
6	31.500	.82000-01	383.00	677.3	15.08	.1606	1.325	-7.532	-.2259
6	31.500	.10200	387.00	558.6	12.44	.1599	1.319	-7.539	-.1760
6	31.500	.12400	391.00	556.0	12.38	.1522	1.101	.8720	-.1750
6	31.500	.14500	395.00	382.8	8.522	.4130-01	.2549	-.7.986	-.1092
6	31.500	.19000	401.00	143.7	3.199	.2040-01	.6730-01	-.8.603	-.2960-01
6	31.500	.23540	405.00	71.01	1.581	.1540-01	.2200-01	-.8.791	-.7700-02
6	31.500	.27100	414.00	53.44	1.190				-.2500-02

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII, MODEL 84-OTS, E.T. LO2 BRACKET

E.T. LO2 BRACKET

PAGE 1297
(RGID01)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RN/FT	P0	P	TO
/FT	PSF A	PSF A	DEG R
X10 ⁶			
1.804	3476.	44.91	387.4
			213.9

TEST DATA

RUN NUMBER	MACH	ALPHA DEG.	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CP(SI)
6	3.510	-5379.01							
6	31.500	.43000-01	373.00	999.0	999.0	.2202	1.860	999.0	999.0
6	31.500	.62000-01	379.00	765.5	17.04	.1447	1.183	-6.997	-.2658
6	31.500	.82000-01	383.00	503.1	11.20			-7.674	-.1541
6	31.500	1.0200	387.00	304.1	6.771	.875-01	.6691	-8.188	-.8170-01
6	31.500	1.2400	391.00	261.4	5.820	.520-01	.5588	-8.298	-.6730-01
6	31.500	1.4500	395.00	179.1	3.989	.5150-01	.3465	-8.511	-.4070-01
6	31.500	1.9000	401.00	91.01	2.026	.2620-01	.1190	-8.738	-.1360-01
6	31.500	2.3540	405.00	56.50	1.258	.1630-01	.2990-01	-8.827	-.3400-02
6	31.500	2.7100	414.00	39.55	.8806	.1140-01	-.1380-01	-8.871	-.1600-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-OTS, E.T. LO2 BRACKET

E.T. LO2 BRACKET

PAGE 1298
(RG1D01)

PARAMETRIC DATA

BETA * -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	PO PSFA	P PSFA	Q PSF	T0 DEG R
6	3.510	5.024	1.804	3474.	44.89	387.2	213.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CP1/SI
6	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
6	31.500	.62000-01	379.00	410.3	9.139	.1181	.9436	-7.913	-.1192
6	31.500	.82000-01	383.00	277.7	6.187	.7990-01	.6014	-6.256	-.7280-01
6	31.500	.10200	387.00	189.6	4.225	.5460-01	.3738	-8.483	-.4410-01
6	31.500	.12400	391.00	155.1	3.455	.4160-01	.2846	-8.572	-.3320-01
6	31.500	.14500	395.00	131.3	2.925	.3790-01	.2232	-8.634	-.2580-01
6	31.500	.19000	401.00	81.10	1.807	.2330-01	.9350-01	-8.763	-.1070-01
6	31.500	.23540	405.00	51.76	1.153	.1490-01	.1780-01	-8.839	-.2000-02
6	31.500	.27100	414.00	30.39	.6769	.8700-02	.3750-01	-8.895	-.4200-02

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-OTS, E.T. LO2 BRACKET

E.T. LO2 BRACKET

PAGE 1300
(RG1002)

PARAMETRIC DATA

BETA = .0000

*** TEST CONDITIONS ***

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
2	2.495	-.2788-01	2.160	1946.	114.9	500.3	288.0

*** TEST DATA ***

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP1/S1
2	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
2	31.500	.62000-01	379.00	680.9	5.928	.3500	1.131	-2.528	-.4475
2	31.500	.82000-01	383.00	565.3	4.922	.2906	.9004	-2.759	-.3263
2	31.500	.10200	387.00	453.9	3.952	.2333	.6777	-2.982	-.2273
2	31.500	.12400	391.00	420.0	3.657	.2159	.6099	-3.050	-.2000
2	31.500	.14500	395.00	335.3	2.919	.1723	.407	-3.219	-.1369
2	31.500	.19000	401.00	222.9	1.940	.1146	.2159	-3.444	-.6270-01
2	31.500	.23400	405.00	157.6	1.372	.8100-01	.8540-01	-3.574	-.2390-01
2	31.500	.27100	414.00	121.1	1.054	.6220-01	.1240-01	-3.647	-.3400-02

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C-1002-1000

DATE 01 OCT 80

[H1] INTEGRATED VEHICLE PRESSURE DATA
[H1]. MODEL 84-OTS. E.T. LO2 BRACKET
E.T.,LO2 BRACKET

E.T.,LO2 BRACKET

PAGE 1301
(RGID02)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
2	2.495	-4.996	X10 6 2.162	1946.	114.9	500.4	287.8

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P11) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CP(1)
2	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
2	31.500	.62000-01	379.00	898.0	7.817	.4614	1.565	-2.095	-.7472
2	31.500	.82000-01	383.00	599.0	6.084	.3592	1.167	-2.492	-.4684
2	31.500	.10200	387.00	555.3	4.834	.2854	.8803	-2.779	-.3167
2	31.500	.12400	391.00	514.2	4.476	.6042	.7980	-2.862	-.2789
2	31.500	.14500	395.00	412.6	3.592	.2120	.5950	-3.065	-.1941
2	31.500	.19000	401.00	261.0	2.272	.1341	.2919	-3.368	-.8670-01
2	31.500	.23540	405.00	178.7	1.556	.9180-01	.1276	-3.532	-.3610-01
2	31.500	.27100	414.00	139.6	1.215	.7170-01	.4940-01	-3.610	-.1370-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-0TS, E.T. LO2 BRACKET

E.T. LO2 BRACKET

PAGE 1302
(RG1002)

E.T. LO2 BRACKET

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	PO PSFA	P PSFA	Q PSF	TO DEG R
8	2.989	5.010	1.990	2453.	67.87	424.6	239.6

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P11 PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CPI/S1
8	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
8	31.500	.62000-01	379.00	548.5	8.081	.2236	1.132	-4.487	-.2523
8	31.500	.82000-01	383.00	379.8	5.595	.1548	.7346	-4.884	-.1504
8	31.500	.10200	387.00	285.3	4.203	.1163	.5121	-5.107	-.1003
8	31.500	.12400	391.00	235.6	3.471	.5600-01	.3951	-5.224	-.7560-01
8	31.500	.14500	395.00	193.9	2.857	.7900-01	.2969	-5.322	-.5580-01
8	31.500	.19000	401.00	114.2	1.683	.4660-01	.1092	-5.510	-.1980-01
8	31.500	.23540	405.00	76.89	1.133	.3130-01	.2120-01	-5.598	-.3800-02
8	31.500	.27100	414.00	54.16	.7980	.2210-01	-.3230-01	-5.651	.5700-02

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII, MODEL 84-OTS, E.T. LO2 BRACKET
E.T. LO2 BRACKET

PAGE 1303
(RG1D02)

PARAMETRIC DATA

BETA = .0000

*** TEST CONDITIONS ***

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
8	2.989	.1397-01	X10 6 1.988	2451.	67.81	424.2	239.6

*** TEST DATA ***

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CP1/SI
8	31.500	.430000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
8	31.500	.620000-01	379.00	521.3	7.687	.2127	1.069	-4.550	-.2350
8	31.500	.820000-01	383.00	423.0	6.238	.1726	.8374	-4.781	-.1751
8	31.500	.102000	387.00	319.8	4.716	.1305	.5941	-5.025	-.1182
8	31.500	.124000	391.00	284.5	4.196	.1161	.5109	-5.108	-.1000+00
8	31.500	.145000	395.00	233.4	3.442	.9520-01	.3904	-5.229	-.7470-01
8	31.500	.190000	401.00	152.4	2.248	.6220-01	.1995	-5.419	-.3680-01
8	31.500	.235400	405.00	98.37	1.451	.4010-01	.7200-01	-5.547	-.1300-01
8	31.500	.271000	414.00	67.83	1.000	.2770-01	.1000-03	-5.619	.0000

DATE 01 OCT 80

IH1 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-OTS. E.T. LO2 BRACKET

E.T. LO2 BRACKET

PAGE 1304
(RG1D02)

PARAMETRIC DATA

BETA = .00000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P ⁰ PSFA	P ⁰ PSFA	0 PSF	10 DEG R
8	2.989	-5.000	1.985	2448.	67.75	423.7	239.7

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP(S1)
8	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
8	31.500	.62000-01	379.00	793.2	11.71	.3240	1.712	-3.906	-.4383
8	31.500	.82000-01	383.00	599.8	8.854	.2450	1.256	4.363	-.2878
8	31.500	.10200	429.4	6.339	1.754	.8535	4.765	1.791	
8	31.500	.12400	391.00	388.5	5.734	.1586	.7569	-4.862	-.1557
8	31.500	.14500	395.00	297.0	4.384	.1213	.5410	-5.077	-.1066
8	31.500	.19000	401.00	181.9	2.685	.7430-01	.2693	-5.349	-.5040-01
8	31.500	.23540	405.00	120.6	1.780	.4930-01	.1247	-5.494	-.2270-01
8	31.500	.27100	414.00	85.15	1.257	.3480-01	.4110-01	-5.577	-.7400-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-OTS, E.T. LO2 BRACKET
E.T., LO2 BRACKET

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(RG1D02)

PARAMETRIC DATA

BETA = .0000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
5	3.511	5.008	X10.6 1.812	3479.	44.93	387.6	213.4

•••TEST DATA•••

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CPI/S1
5	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
5	31.500	.62000-01	379.00	506.2	11.27	.1455	1.190	-7.669	-.1552
5	31.500	.82000-01	383.00	356.8	7.942	.1026	.8047	-8.054	-.9990-01
5	31.500	.10200	387.00	251.1	5.590	.7220-01	.5320	-8.327	-.6390-01
5	31.500	.12400	391.00	200.4	4.460	.5760-01	.4010	-8.458	-.4740-01
5	31.500	.14500	395.00	161.2	3.538	.4630-01	.3000	-8.539	-.3500-01
5	31.500	.19000	401.00	88.64	1.973	.2550-01	.1128	-8.746	-.1290-01
5	31.500	.23340	405.00	55.26	1.230	.1590-01	.2670-01	-8.832	-.3000-02
5	31.500	.27100	414.00	39.48	.8565	.1110-01	.1660-01	-8.876	.1900-02

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-OTS, E.T. LO2 BRACKET

E.T. LO2 BRACKET

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(RGID02)

PARAMETRIC DATA

BETA = .0000

•••TEST CONDITIONS•••

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P ₀ PSF	Q ₀ PSF	T ₀ DEG R
5	3.510	.1597-01	1.807	3478.	44.93	387.6	213.8

•••TEST DATA•••

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁) PSFA	P ₁ /P	P ₁ /FO	CP(1)	CP(SI)	CP(S)
5	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
5	31.500	.62000-01	379.00	447.7	9.964	.1287	1.039	-7.818	-.1329
5	31.500	.82000-01	383.00	352.5	7.846	.1014	.7936	-8.064	-.9840-01
5	31.500	.10200	387.00	255.7	5.691	.7350-01	.5438	-8.314	-.6540-01
5	31.500	.12400	391.00	234.2	5.213	.6730-01	.4884	-8.369	-.5840-01
5	31.500	.14500	395.00	190.6	4.242	.5480-01	.3759	-8.482	-.4430-01
5	31.500	.19000	401.00	126.1	2.806	.3620-01	.2093	-8.648	-.2420-01
5	31.500	.23540	405.00	77.44	1.723	.2230-01	.8390-01	-8.774	-.9600-02
5	31.500	.27100	414.00	50.52	1.124	.1450-01	.1440-01	-8.843	-.1600-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-075. E.T. L02 BRACKET

E.T. L02 BRACKET

PAGE 1307
(RG1D02)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
5	3.510	-4.962	X10 6 1.807	3478.	44.94	387.6	213.8

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/F0	CP(I)	CP(SI)	CPI/SI
5	31.500	.43000-01	373.00	999.0	999.0	.2178	1.839	-7.019	.999.0
5	31.500	.62000-01	379.00	757.7	16.86	.1510	1.239	-7.619	-.2620
5	31.500	.82000-01	383.00	525.2	11.69	.1042	.8196	-.8.039	-.1626
5	31.500	.10200	387.00	362.6	8.070	.1042	.8196	-.1020	
5	31.500	.12400	391.00	323.3	7.196	.1300-01	.7182	-.8.140	-.8820-01
5	31.500	.14500	395.00	239.2	5.322	.6880-01	.5010	-.8.357	-.6000-01
5	31.500	.19000	401.00	149.3	3.335	.4310-01	.2707	-.8.587	-.3150-01
5	31.500	.23540	405.00	98.04	2.182	.2820-01	.1370	-.8.721	-.1570-01
5	31.500	.27100	414.00	64.39	1.433	.1850-01	.5020-01	-.8.808	-.5700-02

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-OTS, E.T. LO2 BRACKET

E.T. LO2 BRACKET

PAGE 1308
(RGID03)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P PSFA	Q PSF	T ₀ DEG R
1	2.495	-4.988	2.191	1946.	114.8	500.2	285.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P ₁ /P	P ₁ /P ₀	CP(1)	CP(SI)	CPI/SI
1	31.500	.430000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
1	31.500	.620000-01	379.00	727.9	6.340	.3740	1.226	-2.435	-5033
1	31.500	.820000-01	383.00	661.7	5.764	.3400	1.093	-2.567	-4258
1	31.500	.10200	387.00	556.6	4.848	.2960	.8831	-2.778	-3179
1	31.500	.12400	391.00	519.0	4.521	.1667	.8081	-2.853	-2833
1	31.500	.14500	395.00	438.5	3.820	.2254	.6472	-3.014	-2148
1	31.500	.19000	401.00	291.2	2.537	.1496	.3526	-3.308	-1066
1	31.500	.23540	405.00	206.5	1.799	.1061	.1833	-3.477	-5270-01
1	31.500	.27100	414.00	160.3	1.396	.8240-01	.9090-01	-3.570	-2550-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-OTS, E.T. L02 BRACKET

E.T. LOG2 BRACKET

$$\text{BETA} = 5,000$$

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P ₀ PSFA	P PSFA	Q PSF	T ₀ DEG R
1	2.495	5.028	2.160	1946.	114.9	500.4	287.9
*** TEST DATA ***							
RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁ PSFA	P ₁ /P	P ₁ /FO	CP(1)
1	31.500	.43000-01	373.00	999.0	999.0	1.556	999.0
1	31.500	.62000-01	379.00	893.3	7.777	1.459	-7.396
1	31.500	.82000-01	383.00	768.9	6.694	1.3952	-5.557
1	31.500	.10200	387.00	673.3	5.861	1.2460	-4.387
1	31.500	.12400	391.00	588.6	5.123	1.0225	-3.490
1	31.500	.14500	395.00	486.9	4.239	.9467	-2.713
1	31.500	.19000	401.00	251.2	2.187	.7435	-2.916
1	31.500	.23540	405.00	219.2	1.908	.1291	-2.724
1	31.500	.27100	414.00	130.2	1.133	.1126	-3.387
						.2085	-3.451
						.6690-01	-3.629
						.3060-01	-3.629

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-OTS. E.T. LO2 BRACKET
E.T., LO2 BRACKET

PAGE 1311
(RG1D03)

PARAMETRIC DATA

BETA = 5.000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6 2.024	P0 PSFA	P PSFA	Q PSF	T0 DEG R
7	2.990	-4.961	2451.	67.74	423.9	236.4	

TEST CONDITIONS

RUN NUMBER	THETA	X/LREF	TAP NO	P1(P) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CPI/SI
7	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
7	31.500	.62000-01	379.00	567.8	8.382	.2316	1.180	-4.443	-.2655
7	31.500	.82000-01	383.00	499.5	7.373	.2038	1.018	-4.604	-.2212
7	31.500	.10200	387.00	421.7	6.225	.1720	.8349	-4.788	-.1744
7	31.500	.12400	391.00	382.8	5.652	.1562	.7433	-4.879	-.1523
7	31.500	.14500	395.00	327.4	4.834	.1336	.6126	-5.010	-.1223
7	31.500	.19000	401.00	209.3	3.089	.8540-01	.3339	-5.289	-.6310-01
7	31.500	.23540	405.00	142.1	2.098	.5800-01	.1754	-5.447	-.3220-01
7	31.500	.27100	414.00	101.6	1.499	.4140-01	.7980-01	-5.543	-.1440-01

TEST DATA

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL B4-OTS. E.T. L02 BRACKET

E.T. L02 BRACKET

PAGE 1312
(RG1D03)

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁻⁶	PO PSFA	P PSFA	Q PSF	T ₀ DEG R
7	2.390	-.3186-01	2.017	2453.	67.80	424.2	237.1

TEST CONDITIONS

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P(I/P	P(I/F0	CP(I)	CP(SI)	CPI/SI
7	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
7	31.500	.62000-01	379.00	704.5	1.039	.2872	1.501	-.4121	-.3642
7	31.500	.82000-01	383.00	570.1	8.409	.2324	1.184	-.438	-.2668
7	31.500	.10200	387.00	431.2	6.360	.1758	.8266	-.765	-.1798
7	31.500	.12400	391.00	356.6	5.260	.1454	.6807	-.941	-.1378
7	31.500	.14500	395.00	296.8	4.378	.1210	.5399	-.082	-.1062
7	31.500	.19000	401.00	174.4	2.572	.7110-01	.2513	-.371	-.4680-01
7	31.500	.23540	405.00	126.7	1.869	.5170-01	.1390	-.493	-.2530-01
7	31.500	.27100	414.00	80.66	1.190	.3290-01	.3030-01	-.591	-.5400-02

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DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-OTS. E.T. L02 BRACKET

E.T. L02 BRACKET

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(RGID03)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ /PSFA	P/PSFA	Q/PSF	T ₀ DEG R
7	2.989	4.993	1.997	2452.	67.81	424.2	238.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁ /PSFA	P ₁ /P	P ₁ /P ₀	CP(11)	CP(SI)	CPI/SI
7	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
7	31.500	.62000-01	379.00	768.1	11.33	.3133	1.651	-3.969	-4.160
7	31.500	.82000-01	383.00	612.9	9.039	.2500	1.285	-4.325	-4.2965
7	31.500	.10200	387.00	509.3	7.511	.2077	1.041	-4.579	-2.273
7	31.500	.12400	391.00	438.1	6.461	.1787	.8729	-4.747	-1.839
7	31.500	.14500	395.00	337.7	4.981	.1378	.6363	-4.983	-1.277
7	31.500	.19000	401.00	156.4	2.307	.6380-01	.2089	-5.411	-3860-01
7	31.500	.23540	405.00	128.6	1.897	.5250-01	.1433	-5.476	-2620-01
7	31.500	.27100	414.00	72.15	1.064	.2940-01	.1020-01	-5.609	-1800-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-OTS, E.T. LO2 BRACKET

E.T., LO2 BRACKET

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(RGID03)

PARAMETRIC DATA

BETA = 5.000

*** TEST CONDITIONS ***

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
7	2.989	4.984	1.997	2452.	67.83	424.3	238.9

*** TEST DATA ***

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P ₁ /P	P ₁ /F ₀	C _P (1)	C _P (S1)	C _P (S1)
7	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
7	31.500	.62000-01	379.00	770.7	11.36	.3143	1.657	-3.963	-4.180
7	31.500	.82000-01	383.00	615.2	9.070	.2509	1.290	-4.330	-2.979
7	31.500	.10200	387.00	513.7	7.574	.2095	1.051	-4.569	-2.300
7	31.500	.12400	391.00	445.8	6.573	.1818	.8909	-4.729	-1.884
7	31.500	.14500	395.00	338.5	4.930	.1380	.6378	-4.982	-1.280
7	31.500	.19000	401.00	163.2	2.406	.6650-01	.2247	-5.395	-4.160-01
7	31.500	.23540	405.00	135.2	1.993	.5510-01	.1588	-5.461	-2.910-01
7	31.500	.27100	414.00	77.66	1.145	.3170-01	.2320-01	-5.597	-4.100-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-OTS, E.T. LO2 BRACKET
E.T. LO2 BRACKET

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(RGID03)

PARAMETRIC DATA

BETA = 5.000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	TO DEG R
4	3.511	-4.970	X10 ⁶ 1.813	3478.	44.91	387.5	213.2

NUMBER	THETA	X/LREF	TAP NO	P(L) PSFA	P1/P	P1/F0	CP(I)	CP(SI)	CPI/SI
4	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
		.62000-01	379.00	550.7	12.26	.1584	1.305	-7.554	-1.728
		.82000-01	383.00	469.1	10.45	.1349	1.095	-7.765	-1.410
		.10200	387.00	391.8	8.724	.1127	.8953	-7.964	-1.124
		.12400	391.00	340.7	7.585	.58000-01	.7633	-8.096	-9.30-01
		.14500	395.00	286.5	6.379	.8240-01	.6235	-8.236	-7.570-01
		.19000	401.00	175.1	3.898	.5030-01	.3359	-8.523	-3.940-01
		.23540	405.00	113.1	2.519	.3250-01	.1761	-8.683	-2.030-01
		.27100	414.00	78.66	1.751	.2260-01	.8710-01	-8.772	-9.900-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-OTS. E.T. LO2 BRACKET

E.T.,LO2 BRACKET

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
4	3.511	-1970-02	1.808	3479.	44.94	387.7	213.7

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP(S1)
4	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
4	31.500	.62000-01	379.00	677.1	15.07	.1946	1.631	-7.227	-.2256
4	31.500	.82000-01	383.00	552.0	12.28	.1587	1.308	-7.550	-.1732
4	31.500	.10200	387.00	394.1	8.770	.1133	.9007	-7.957	-.1132
4	31.500	.12400	391.00	304.9	6.764	.6760-01	.6705	-8.188	-.8190-01
4	31.500	.14500	395.00	250.0	5.564	.7190-01	.5291	-8.329	-.6350-01
4	31.500	.19000	401.00	143.0	3.182	.4110-01	.2529	-8.605	-.2940-01
4	31.500	.23540	405.00	100.3	2.231	.2880-01	.1427	-8.715	-.1640-01
4	31.500	.27100	414.00	61.79	1.375	.1780-01	.4350-01	-8.815	-.4900-02

PARAMETRIC DATA

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
 IH11, MODEL 84-OTS, E.T. LO2 BRACKET
 E.T. .LO2 BRACKET

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 (RG ID03)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁻⁶	P ₀ PSF A	P PSF A	Q PSF	TO DEG R
4	3.510	5.002	1.807	3478.	44.93	387.6	213.7

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁ PSF A	P ₁ /P	P ₁ /F0	CP(I)	CP(SI)	CPI/SI
4	31.500	.43000-01	373.00	999.0	999.0	.2087	1.757	-7.101	.999.0
4	31.500	.62000-01	379.00	725.8	16.15	.1611	1.330	-7.528	.2474
4	31.500	.82000-01	383.00	560.4	12.47	.1081	1.043	-7.815	.1767
4	31.500	.10200	387.00	449.2	9.997	.1291	.8541	-8.004	.1335
4	31.500	.12400	391.00	376.0	8.368	.1081	.5860	-8.272	.1067
4	31.500	.14500	395.00	272.1	6.055	.7820-01	.3550-01	.2024	.7080-01
4	31.500	.19000	401.00	123.4	2.746	.2940-01	.1482	-8.656	.2340-01
4	31.500	.23540	405.00	102.4	2.278	.1680-01	.3450-01	-8.710	.1700-01
4	31.500	.27100	414.00	58.29	1.297	.1680-01	.3450-01	-8.823	.3900-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-OTS. E.T. LO2 BRACKET

E.T..LO2 BRACKET

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	TO DEG R
10	2.495	4.998	X10 6 2.162	1949.	115.0	501.1	288.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P(I)/P	P(I)/F0	CP(I)	CP(SI)	CP(SI)/CP(I)
10	31.500	.43000-01	373.00	999.0	999.0	.999.0	.999.0	.999.0	.999.0
10	31.500	.62000-01	379.00	599.3	5.210	.3075	.9665	-2.693	-.3589
10	31.500	.82000-01	383.00	473.0	4.111	.2427	.7143	-.2945	-.2425
10	31.500	.10200	387.00	344.2	2.993	.1767	.4575	-.3.202	-.1429
10	31.500	.12400	391.00	311.3	2.706	.1598	.3917	-.3.268	-.1199
10	31.500	.14500	395.00	245.4	2.133	.1259	.2601	-.3.400	-.7650-01
10	31.500	.19000	401.00	162.7	1.415	.8350-01	.9520-01	-.3.564	-.2670-01
10	31.500	.23540	405.00	114.0	.9909	.5850-01	.2100-02	-.3.662	.6000-03
10		.27100	414.00	83.31	.7242	.4280-01	.6330-01	-.3.723	.1700-01

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OF POOR QUALITY

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
 IH11. MODEL 84-OTS, E.T. LO2 BRACKET
 E.T. LO2 BRACKET

E.T. LO2 BRACKET

PARAMETRIC DATA

BETA = -5.000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
			x10 ⁻⁶				
10	2.495	.1995-01	2.168	1950.	115.1	501.2	287.6

		TEST CONDITIONS		***TEST DATA***			
RUN NUMBER	THETA	X/LREF	TAP NO	P(L) PSFA	P1/P	P1/F0	CP(1)
10	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0
10	31.500	.62000-01	379.00	838.2	7.284	.4300	1.443
10	31.500	.82000-01	383.00	621.5	5.401	.3188	1.010
10	31.500	.10200	387.00	472.4	4.105	.2423	.7129
10	31.500	.12400	391.00	430.3	3.739	.2207	.6289
10	31.500	.14500	395.00	328.0	2.850	.1682	.4248
10	31.500	.19000	401.00	186.4	1.620	.9560-01	.1422
10	31.500	.23500	405.00	118.8	1.033	.6100-01	.7500-02
10	31.500	.414.00	95.84	.8329	.4920-01	-.3840-01	-.3.698
							.1040-01
							.2100-02

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII, MODEL B4-OTS, E.T. LO2 BRACKET

E.T., LO2 BRACKET

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(RGID04)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT x10 ⁻⁶	PO PSFA	P PSFA	Q PSF	T0 DEG R
10	2.495	-4.990	2.166	1948.	115.0	501.0	287.7

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CPI/SI
10	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
10	31.500	.62000-01	379.00	996.6	8.66E-5	.515	.1760	-1.900	-.9263
10	31.500	.82000-01	383.00	813.5	7.074	.4175	1.394	-.2.265	-.6155
10	31.500	.10210	387.00	751.8	6.537	.2959	1.271	-2.389	-.5322
10	31.500	.12400	391.00	698.0	6.069	.582	1.164	-2.496	-.4662
10	31.500	.14500	395.00	563.2	4.897	.2890	.8946	-2.765	-.3235
10	31.500	.19000	401.00	286.5	2.492	.1471	.3424	-3.317	-.1032
10	31.500	.23540	405.00	151.4	1.316	.7770-01	.260-01	-3.587	-.2020-01
10	31.500	.27100	414.00	121.8	1.059	.6250-01	.1360-01	-3.646	-.3700-02

DATE 01 OCT 80

IHI INTEGRATED VEHICLE PRESSURE DATA
 IHI1. MODEL 84-OTS. E.T. LO2 BRACKET
 E.T. LO2 BRACKET

PAGE 1321
 (RG1D05)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
11	2.495	-5.014	X10 6 2.153	1948.	115.0	501.0	287.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CP1/SI
11	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
11	31.500	.62000-01	379.00	898.4	7.812	.4611	1.564	-2.095	-.7462
11	31.500	.82000-01	383.00	733.3	6.376	.3764	1.234	-2.425	-.5089
11	31.500	.10200	387.00	566.9	4.929	.2910	.9020	-2.758	-.3271
11	31.500	.12400	391.00	623.9	4.555	.6689	.8162	-2.843	-.2870
11	31.500	.14500	395.00	413.3	3.533	.2121	.5954	-3.064	-.1943
11	31.500	.19000	401.00	262.8	2.285	.1349	.2951	-3.364	-.8770-01
11	31.500	.22540	405.00	179.4	1.560	.9210-01	.1285	-3.531	-.3640-01
11	31.500	.27100	414.00	139.3	1.211	.7150-01	.4850-01	-3.611	-.1340-01

DATE: 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-OTS. E.I. LO2 BRACKET

E.I. LO2 BRACKET

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(RG ID05)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	TO DEG R
11	2.495	.1198-01	X10 6 2.166	1948.	115.0	500.8	287.5

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CP1/SI
11	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
11	31.500	.62000-01	379.00	685.2	5.960	.3518	1.139	-2.521	-.4517
11	31.500	.82000-01	383.00	578.5	5.032	.2970	.9257	-.734	-.3386
11	31.500	.10200	387.00	458.9	3.991	.2356	.6867	-2.973	-.2310
11	31.500	.12400	391.00	426.0	3.706	.2187	.6211	-3.039	-.2044
11	31.500	.14500	395.00	338.7	2.946	.1739	.4468	-3.213	-.1391
11	31.500	.19000	401.00	223.6	1.945	.1148	.2170	-3.443	-.6300-01
11	31.500	.23540	405.00	159.0	1.375	.8110-01	.8600-01	-3.574	-.2410-01
11	31.500	.27100	414.00	121.5	1.057	.6240-01	.1310-01	-3.647	-.3600-02

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII, MODEL 8H-OTS, E.T. LO2 BRACKET

E.T. LO2 BRACKET

PARAMETRIC DATA

BETA = .0000

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(RGID05)

RUN NUMBER	MACH	ALPHA DEG.	***TEST CONDITIONS***			Q PSF	P0 PSFA	P PSFA	T0 DEG R
			RN/FT X10 ⁻⁶	2.165	1949.				
11	2.495	.990							
TEST DATA									
RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	P(1)	CP(SI)	CPI/SI
11	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
11	31.500	.62000-01	379.00	648.4	5.637	.3327	1.065	-2.595	-.4102
11	31.500	.82000-01	383.00	492.9	4.695	.2630	.7542	-.905	-.2596
11	31.500	.10200	387.00	383.3	3.333	.1967	.5355	-3.124	-.1714
11	31.500	.12400	391.00	345.0	3.000	.1770	.4590	-3.201	-.1434
11	31.500	.14500	395.00	291.0	2.530	.1494	.3513	-3.308	-.1062
11	31.500	.19000	401.00	172.9	1.503	.8870-01	.1155	-3.544	-.3260-01
11	31.500	.23540	405.00	120.6	1.048	.6180-01	.1100-01	-3.649	-.3000-02
11	31.500	.27100	414.00	94.09	.8180	.4820-01	-.4180-01	-3.701	-.1130-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII, MODEL 84-OTS, E.T. L02 BRACKET

E.T., L02 BRACKET

BETA = 5.000

PARAMETRIC DATA

PAGE 1324
(RG1D06)

RUN NUMBER	MACH	ALPHA DEG.	TEST CONDITIONS***			0 PSF	TO DEG R
			RN/FT 'FT	P0 PSF A	P PSF A		
12	2.495	5.022	2.166	1948.	115.0	501.0	287.7
*** TEST DATA ***							
RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P1/P	P1/F0	CP(1)
12	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0
12	31.500	.62000-01	379.00	904.6	7.866	.4643	-2.083
12	31.500	.82000-01	383.00	732.4	6.368	.3759	-2.427
12	31.500	.10200	387.00	642.9	5.590	.7300	-2.606
12	31.500	.12400	391.00	584.7	5.084	.1001	.9375
12	31.500	.14500	395.00	489.0	4.252	.2510	.7466
12	31.500	.19000	401.00	260.3	2.263	.1336	.2900
12	31.500	.23540	405.00	213.0	1.852	.1093	.1957
12	31.500	.27100	414.00	127.3	1.107	.6530-01	.2450-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-OTS, E.T. LO2 BRACKET
E.T.,LO2 BRACKET

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(RG1D06)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/F1 /F1	P0 PSFA	P PSFA	Q PSF	T0 DEG R
12	2.495	.3590-01	X10.6 2.163	1947.	114.9	500.7	287.8

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CPI/SI
12	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
12	31.500	.62000-01	379.00	854.6	7.435	.4389	1.477	-2.182	-.6769
12	31.500	.82000-01	383.00	670.3	5.832	.3442	1.109	-2.550	-.4349
12	31.500	.10200	387.00	529.4	4.606	.2719	.8278	-2.832	-.2923
12	31.500	.12200	391.00	468.7	4.078	.2+07	.7066	-2.953	-.2393
12	31.500	.14200	402.1	395.0	3.498	.2065	.5736	-3.086	-.1859
12	31.500	.16200	401.00	251.1	2.185	.1289	.2719	-3.388	-.8030-01
12	31.500	.22540	405.00	185.0	1.610	.9500-01	.1400	-3.520	-.3980-01
12	31.500	.27100	414.00	132.0	1.149	.6780-01	.3410-01	-3.625	-.9400-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-OTS. E.T. LO2 BRACKET

E.T..LO2 BRACKET

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	TO DEG R
12	2.495	-4.990	X10 6 2.164	1947.	114.9	500.7	287.7

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CPI/SI
12	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
12	31.500	.62000-01	379.00	733.2	6.379	.3765	1.235	-2.425	-5.092
12	31.500	.62000-01	383.00	660.5	5.746	.3392	1.090	-2.570	-4.239
12	31.500	.1C200	387.00	554.3	4.822	.2947	.8775	-2.782	-3.154
12	31.500	.1C200	391.00	517.2	4.500	.2556	.8034	-2.856	-2.813
12	31.500	.1C200	395.00	437.5	3.806	.2247	.6442	-3.015	-2.136
12	31.500	.1C200	401.00	287.2	2.499	.1475	.3441	-3.316	-10.38
12	31.500	.23540	405.00	203.5	1.770	.1045	.1768	-3.483	-5.080-01
12	31.500	.27100	414.00	157.5	1.370	.8990-01	.6490-01	-3.575	-2.380-01

PARAMETRIC DATA

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(RG:006)

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
 IHII. MODEL 84-01. E.T. LO2 BRACKET
 E.T. LO2 BRACKET

PAGE 1327
 (RG1007)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P0 PSFA	T0 DEG R
21	2.495	-4.975	x10 6 2.159	1948.	115.0	500.9 288.3

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CP(SI)
21	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
21	31.500	.62000-01	379.00	997.0	8.669	.5118	1.761	-1.899	-.9274
21	31.500	.82000-01	383.00	826.9	7.191	.4245	1.421	-2.238	-.6350
21	31.500	.10200	387.00	736.5	6.404	.7781	1.241	-2.419	-.5130
21	31.500	.12400	391.00	690.0	6.000	.5542	1.148	-2.512	-.4571
21	31.500	.14500	395.00	555.9	4.834	.2854	.8802	-2.779	-.3167
21	31.500	.19000	401.00	284.7	2.476	.1462	.3388	-3.321	-.1020
21	31.500	.23540	405.00	149.7	1.302	.7680-01	.6930-01	-3.590	-.1930-01
21	31.500	.27100	414.00	118.3	1.029	.6070-01	.6600-02	-3.653	-.1800-02

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-01, E.T. LO2 BRACKET

E.T..LO2 BRACKET

BETA = -5.000

PARAMETRIC DATA

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	PO PSFA	P PSFA	Q PSF	TO DEG R
21	2.495	.9988-02	2.160	1948.	115.0	500.9	288.2

TEST CONDITIONS

RUN NUMBER	THETA	X/LREF	TAP NO	P(L) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP/S1
21	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
21	31.500	.62000-01	379.00	816.5	7.100	.4191	1.400	-2.259	-.6200
21	31.500	.82000-01	383.00	598.7	5.206	.3074	.9657	-2.694	-.3285
21	31.500	.10200	387.00	466.1	4.053	.2393	.7010	-2.958	-.2369
21	31.500	.12400	391.00	436.6	3.797	.2241	.6421	-3.017	-.2128
21	31.500	.14500	395.00	333.1	2.837	.1710	.4255	-3.224	-.1351
21	31.500	.19000	401.00	185.7	1.615	.9540-01	.1412	-3.518	-.4010-01
21	31.500	.23540	405.00	119.3	1.037	.6120-01	.8500-02	-3.651	-.2300-02
21	31.500	.27100	414.00	94.45	.8213	.4850-01	-.4100-01	-3.701	-.1110-01

TEST DATA

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
 IH11, MODEL 84-0T, E.T. LO2 BRACKET
 E.T., LO2 BRACKET

E.T., LO2 BRACKET

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁻⁶	P0 PSFA	P PSFA	α PSF	T0 DEG R
21	2.495	4.971	2.162	1949.	115.0	501.1	268.0

TEST DATA

RUN NUMBER	THETA	X/L REF	TAP NO	P1(P) PSFA	P1/F0	CP(1)	CP(S1)	CP(1)
21	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0
21	31.500	.62000-01	379.00	597.4	5.193	.3065	.9626	-.2.697
21	31.500	.88000-01	383.00	465.8	4.049	.2390	.7001	-.3569
21	31.500	.10200	387.00	342.8	2.980	.1759	.4545	-.2.366
21	31.500	.12400	391.00	311.4	2.707	.1598	.3920	-.1418
21	31.500	.14500	395.00	246.7	2.145	.1266	.2628	-.1200
21	31.500	.19000	401.00	161.0	1.400	.8260-01	.9180-01	-.7740-01
21	31.500	.23540	405.00	113.6	.9875	.5830-01	-.2900-02	-.2570-01
21	31.500	.27100	414.00	82.61	.7182	.4240-01	-.6470-01	-.8000-03

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IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-01. E.T. LO2 BRACKET

E.T..LO2 BRACKET

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
16	2.999	5.018	X10 6 1.975	2455.	67.94	424.9	241.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CPI/SI
16	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
16	31.500	.62000-01	379.00	465.3	6.849	.1896	.9352	-.4.682	-.1997
16	31.500	.82000-01	383.00	337.3	4.964	.1374	.6338	-.4.984	-.1272
16	31.500	.10210	387.00	236.6	3.483	.954-01	.3970	-.5.220	-.7600-01
16	31.500	.12400	391.00	206.7	3.042	.E+12-01	.3265	-.5.291	-.6170-01
16	31.500	.14500	395.00	167.8	2.455	.6790-01	.2327	-.5.385	-.4320-01
16	31.500	.19000	491.00	107.2	1.578	.4370-01	.9230-01	-.5.525	-.1670-01
16	31.500	.23540	405.00	70.15	1.032	.2860-01	.5200-02	-.5.612	-.9000-03
16	31.500	.27100	414.00	46.87	.6899	.1910-01	.4960-01	-.5.667	-.8800-02

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DATE 01 OCT 80

IHI INTEGRATED VEHICLE PRESSURE DATA
IHI, MODEL 84-01, E.T. LO2 BRACKET
E.T. LO2 BRACKET

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(RGID07)

E.T. LO2 BRACKET

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P PSFA	Q PSF	T ₀ DEG R
16	2.989	.1597-01	1.971	2451.	67.85	424.3	241.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P ₁ /P	P ₁ /P ₀	CP(I)	CP(SI)	CP(SI)
16	31.500	.43000-01	373.00	999.0	999.0	.2842	.482	.999.0	.999.0
16	31.500	.62000-01	379.00	696.6	10.27	.1887	.9300	-.4.136	-.3583
16	31.500	.82000-01	383.00	462.5	6.816	.1349	.6196	-.4.687	-.1984
16	31.500	.10200	387.00	330.7	4.874	.1217	.5433	-.4.998	-.1240
16	31.500	.12400	391.00	298.4	4.397	.1217	.5433	-.5.074	-.1071
16	31.500	.14500	395.00	209.4	3.086	.8540-01	.3336	-.5.284	-.6310-01
16	31.500	.19000	401.00	119.6	1.762	.4880-01	.1219	-.5.495	-.2222-01
16	31.500	.23540	405.00	78.98	1.164	.3220-01	.6620-01	-.5.591	-.4.700-02
16	31.500	.27100	414.00	56.56	.8337	.2310-01	.2660-01	-.5.644	-.4.700-02

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IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-01, E.T. LO2 BRACKET

E.T. LO2 BRACKET

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(RG1D07)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P0 PSF A	P PSF A	Q PSF	T0 DEG R
16	2.989	-5.000	1.979	2455.	67.94	424.9	240.6

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSF A	P(I)/P	P(I)/FO	CP(I)	CP(SI)	CP(SI)
16	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
16	31.500	.62000-01	379.00	827.7	12.18	.3371	1.788	-3.830	-.4668
16	31.500	.82000-01	383.00	692.7	10.20	.2821	1.470	-4.48	-.3545
16	31.500	.10200	387.00	590.6	8.693	.2406	1.230	-4.398	-.2803
16	31.500	.12400	391.00	571.5	8.411	.328	1.185	-4.433	-.2673
16	31.500	.14500	395.00	416.0	6.122	.1694	.8190	-4.799	-.1107
16	31.500	.19000	401.00	188.9	2.780	.7690-01	.2846	-5.333	-.5340-01
16	31.500	.23540	405.00	93.10	1.370	.3790-01	.5920-01	-5.559	-.1070-01
16	31.500	.27100	414.00	73.29	1.079	.2990-01	.1260-01	-5.605	-.2220-02

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IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-0T, E.T. LO2 BRACKET

E.T. LO2 BRACKET

BETA = -5.000

PARAMETRIC DATA

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	TEST CONDITIONS		P(SI)	CP(SI)	CP1(SI)
				P0 PSFA	P PSFA			
15	3.511	-5.022	1.828	3478.	44.88	387.3	211.9	
TEST DATA								
RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P0	CP(1)	CP(SI)	CP1(SI)
15	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0
15	31.500	.62000-01	379.00	804.9	17.93	.2314	1.962	-6.901
15	31.500	.82000-01	383.00	682.4	15.20	.1962	1.646	-.218
15	31.500	.10200	387.00	575.1	12.82	.1554	1.359	-.2280
15	31.500	.10200	387.00	575.1	12.82	.1554	1.359	-.1827
15	31.500	.12400	391.00	577.1	12.86	.1659	1.374	-7.489
15	31.500	.14500	395.00	388.0	8.644	.1115	.8858	-.1835
15	31.500	.19000	401.00	152.2	3.392	.4380-01	.2772	-.1110
15	31.500	.23540	405.00	71.74	1.599	.2069-01	.6940-01	.3230-01
15	31.500	.27100	414.00	55.83	1.244	.1610-01	.2830-01	-.7900-02
								-.3200-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-01, E.T. LO2 BRACKET

E.T.,LO2 BRACKET

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PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	TO DEG R
15	3.511	.2394-01	1.827	3481.	44.92	387.7	212.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P111 PSFA	P1/P	P1/F0	CP(11)	CP(S1)	CP1/S1
15	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
15	31.500	.62000-01	379.00	743.2	16.54	.2135	1.801	-7.062	-.2550
15	31.500	.82000-01	383.00	474.6	10.56	.1363	1.108	-7.755	-.1429
15	31.500	.10200	387.00	309.3	6.886	.8890-01	.6820	-8.181	-.8340-01
15	31.500	.12400	391.00	276.0	6.143	.3350-01	.5960	-8.267	-.7210-01
15	31.500	.14500	395.00	179.5	3.936	.5160-01	.3472	-8.516	-.4080-01
15	31.500	.19000	401.00	93.88	2.090	.2700-01	.1263	-8.737	-.1450-01
15	31.500	.23540	405.00	53.31	1.520	.1700-01	.3710-01	-8.826	-.4200-02
15	31.500	.27100	414.00	39.78	.8855	.1140-01	-.1330-01	-8.877	.1500-02

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IHII INTEGRATED VEHICLE PRESSURE DATA
 IHII. MODEL 84-01. E.T. LO2 BRACKET
 E.T., LO2 BRACKET

BETA * -5.000

PARAMETRIC DATA

		TEST CONDITIONS				***TEST DATA***			
RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R	CPI(SI)	CPI(SI)
15	3.511	4.983	1.827	3478.	44.88	387.3	212.0		
15	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
15	31.500	.62000-01	379.00	407.7	9.084	.1172	.9368	-.7927	-.1182
15	31.500	.82000-01	383.00	285.8	6.367	.8220-01	.6219	-.6.242	-.7550-01
15	31.500	.10200-01	387.00	193.8	4.319	.5570-01	.3846	-.8.479	-.4540-01
15	31.500	.12400	391.00	162.8	3.627	.4680-01	.3044	-.8.559	-.3560-01
15	31.500	.14500	395.00	132.5	2.952	.3810-01	.2262	-.8.637	-.2620-01
15	31.500	.19000	401.00	83.81	1.867	.2410-01	.1005	-.8.763	-.1150-01
15	31.500	.23540	405.00	50.86	1.133	.1460-01	.1540-01	-.8.848	-.1700-02
15	31.500	.27100	414.00	30.19	.6726	.8700-02	-.3790-01	-.8.901	-.4300-02

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IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-01, E.T. LO2 BRACKET

E.T.,LO2 BRACKET

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(RGID08)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF _A	P PSF _A	Q PSF _R	T ₀ DEG R
20	2.495	4.967	2.165	1950.	115.1	501.4	287.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁ PSF _A	P ₁ /P	P ₁ /P ₀	CP(1)	CP(S1)	CP1/S1
20	31.500	.430000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
20	31.500	.620000-01	379.00	651.0	5.656	.3338	1.069	-2.591	-.4125
20	31.500	.820000-01	383.00	491.8	4.272	.2522	.7512	-.2.908	-.2583
20	31.500	.102000	387.00	385.0	3.354	.1980	.5404	-.3.119	-.1732
20	31.500	.124000	391.00	345.2	2.999	.1770	.4590	-.3.201	-.1434
20	31.500	.145000	395.00	293.9	2.554	.1507	.3567	-.3.303	-.1080
20	31.500	.190000	401.00	173.3	1.505	.8890-01	.1160	-.3.544	-.3270-01
20	31.500	.23540	405.00	120.9	1.050	.6200-01	.11150-01	-.3.648	-.3100-02
20	31.500	.27100	414.00	94.12	.8177	.4830-01	-.4190-01	-.3.702	.1130-01

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DATE 01 OCT 80

IHI 1 INTEGRATED VEHICLE PRESSURE DATA
IHI 1, MODEL 84-0T, E.T. L02 BRACKET
DATE 01 OCT 80

E.T. LO2 BRACKET

PARAMETRIC DATA

BETTA - nano

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	TAP NO	TEST CONDITIONS				CP(SI)	C
				RN/FT /FT X10 ⁻⁶	P ₀ PSFA	P PSFA	Q PSF		
20	2.495	.7995-02	2.161	1949.	115.0	501.0	288.2		
*** TEST DATA ***									
RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P ₁ /P	P ₁ /F0	CP(1)	CP(SI)	C
20	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
20	31.500	.62000-01	379.00	669.0	5.816	.3433	1.106	-2.554	-4
20	31.500	.82000-01	383.00	571.5	4.969	.2933	.9111	-2.748	-3
20	31.500	.10200	387.00	453.6	3.943	.2328	.6758	-2.984	-2
20	31.500	.12400	391.00	422.0	3.668	.165	.6126	-3.047	-1
20	31.500	.14500	395.00	334.5	2.908	.1716	.4380	-3.222	-1
20	31.500	.19000	401.00	221.7	1.927	.1138	.2128	-3.447	-6
20	31.500	.23540	405.00	157.9	1.373	.8100-01	.6560-01	-3.574	-2
20	31.500	.27100	414.00	119.9	1.043	.6150-01	.9800-02	-3.650	-2

IHI 1 INTEGRATED VEHICLE PRESSURE DATA

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18c1000a1

DATE OF OCT 80

IHI 1 INTEGRATED VEHICLE PRESSURE DATA
IHI 1, MODEL 84-0T, E.T. LO2 BRACKET

E.T.-L02 BRACKET

INTEGRATED VEHICLE BEEF CUBE DATA

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BET_A = 0000

PARAMETRIC DATA

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RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P PSFA	Q PSF	TO DEG R		
20	2.495	-4.953	2.163	1949.	115.1	501.2	288.0		
TEST DATA									
RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CPI/S1
20	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
20	31.500	.62000-01	379.00	904.4	7.860	.4640	1.575	-2.085	-7754
20	31.500	.82000-01	383.00	722.1	6.276	.3704	1.211	-2.449	-4947
20	31.500	.10200	387.00	561.4	4.879	.2980	.8906	-2.769	-3216
20	31.500	.12400	391.00	514.9	4.475	.5441	.977	-2.862	-2787
20	31.500	.14500	395.00	409.0	3.554	.2098	.6864	.0373	-1908
20	31.500	.19000	401.00	260.3	2.256	.1335	.6998	-3.370	-8600-01
20	31.500	.23540	405.00	179.8	1.563	.9220-01	1.291	-3.530	-3660-01
20	31.500	.27100	414.00	138.5	1.204	.7100-01	.4670-01	-3.613	-1290-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-0T, E.T. LO2 BRACKET
E.T., LO2 BRACKET

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(RG1008)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁻⁶	P0 PSF A	P PSF A	Q PSF	T0 DEG R
17	2.989	-5.010	1.982	2455.	67.94	425.0	240.5

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P1/P	P1/FO	CP(1)	CP(SI)	CPI/SI
17	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
17	31.500	.62000-01	379.00	782.0	1.151	.3185	1.680	-3.938	-.4267
17	31.500	.82000-01	383.00	611.8	9.004	.2491	1.280	-.4.339	-.2950
17	31.500	.10210	387.00	430.1	6.330	.1752	.8522	-.4.766	
17	31.500	.12210	391.00	384.7	5.662	.1567	.7454	-.4.873	
17	31.500	.14500	395.00	295.4	4.318	.1203	.5352	-.5.083	-.1053
17	31.500	.19000	401.00	180.4	2.654	.7350-01	.2645	-.5.354	-.4940-01
17	31.500	.23510	405.00	120.6	1.775	.4910-01	.1240	-.5.494	-.2260-01
17	31.500	.27110	414.00	83.49	1.229	.3400-01	.3660-01	-.5.582	-.6600-02

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHIU. MODEL 84-0T. E.T. LO2 BRACKET

E.T. LO2 BRACKET

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
17	2.989	-3186-01	X1C 6 1.983	2455.	67.94	425.0	240.3

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P11 PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CPI/SI
17	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
17	31.500	.62000-01	379.00	520.4	7.659	.2119	1.065	-4.554	-.2338
17	31.500	.82000-01	383.00	419.1	6.169	.1707	.8263	-4.792	-.1724
17	31.500	.10200	387.00	319.0	4.694	.1299	.5907	-5.028	-.1175
17	31.500	.12400	391.00	284.3	4.185	.1158	.5093	-5.109	-.9970-01
17	31.500	.14500	395.00	233.1	3.432	.9500-01	.3888	-5.230	-.7430-01
17	31.500	.19000	401.00	151.0	2.222	.6150-01	.1954	-5.423	-.3600-01
17	31.500	.23540	405.00	98.67	1.452	.4020-01	.7230-01	-5.546	-.1300-01
17	31.500	.27100	414.00	68.05	1.002	.2770-01	.3000-03	-5.618	.0000

PARAMETRIC DATA

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(RGID08)

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-0T. E.T. LO2 BRACKET
E.T. LO2 BRACKET

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(RGID08)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT 'FT x10 ⁻⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
17	2.989	4.975	1.985	2456.	67.95	425.0	240.2

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CPI/SI
17	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
17	31.500	.62000-01	379.00	531.6	7.824	.2165	1.091	-.4.528	-.2410
17	31.500	.82000-01	383.00	380.7	5.603	.1550	.7359	-.4.883	-.1507
17	31.500	.10200	387.00	283.7	4.174	.1155	.5075	-.5.111	-.9930-01
17	31.500	.12400	391.00	235.0	3.458	.6570-01	.3929	-.5.226	-.7520-01
17	31.500	.14500	395.00	193.9	2.852	.78-01	.2960	-.5.323	-.5550-01
17	31.500	.19000	401.00	112.9	1.661	.4600-01	.1057	-.5.513	-.1920-01
17	31.500	.23540	405.00	76.96	1.133	.3130-01	.2120-01	-.5.597	-.3800-02
17	31.500	.27100	414.00	53.86	.7926	.2190-01	-.3320-01	-.5.652	.5900-02

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IH1 INTEGRATED VEHICLE PRESSURE DATA
IH1. MODEL 84-01, E.T. L02 BRACKET

E.T.,L02 BRACKET

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(RGID08)

PARAMETRIC DATA

BETA = .00000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
14	3.512	5.022	X10 6 1.839	3479.	44.87	387.3	211.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P1(P) PSFA	P1/F0	P1(F1)	CP(1)	CP(SI)	CP(SI)
14	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
14	31.500	.62000-01	379.00	494.6	11.02	.1422	1.161	-7.705	-.1507
14	31.500	.82000-01	383.00	359.5	8.012	.1033	.8123	-6.054	-.1009
14	31.500	.10200	387.00	252.4	5.624	.7250-01	.5357	-8.331	-.6430-01
14	31.500	.12400	391.00	202.9	4.522	.5830-01	.4081	-8.459	-.4820-01
14	31.500	.14500	395.00	164.0	3.655	.4710-01	.3076	-8.559	-.3590-01
14	31.500	.19000	401.00	91.12	2.031	.2620-01	.1194	-8.747	-.1370-01
14	31.500	.23540	405.00	56.20	1.252	.1620-01	.2930-01	-8.837	-.3300-02
14	31.500	.27100	414.00	38.74	.8633	.1110-01	.1580-01	-8.882	.1800-02

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DATE 01 OCT 80

IH1 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-01. E.T. LO2 BRACKET

E.T..LO2 BRACKET

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(RGID08)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	PSF	TO DEG R
14	3.512	.2394-01	X10 ⁶ 1.837	3477.	44.84	387.1	211.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CP1/SI
14	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
14	31.500	.62000-01	379.00	450.7	10.05	.1296	1.049	-7.817	-1.341
14	31.500	.82000-01	363.00	358.9	8.003	.1032	.8113	-6.055	-1.007
14	31.500	.10200	387.00	269.2	6.003	.7740	.5796	-8.286	-6.990-01
14	31.500	.12400	391.00	235.9	5.260	.6790	.4936	-8.372	-5.900-01
14	31.500	.14500	395.00	198.0	4.416	.5700	.3957	-8.470	-4.670-01
14	31.500	.19000	401.00	126.9	2.829	.3650	.2119	-8.654	-2.450-01
14	31.500	.23540	405.00	78.94	1.760	.2270	.8810	-8.778	-1.000-01
14	31.500	.27100	414.00	51.35	1.145	.1480	.1680	-8.849	-1.900-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-01. E.T. LO2 BRACKET

E.T.,LO2 BRACKET

BETA = .0000

PARAMETRIC DATA

TEST CONDITIONS							
RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
14	3.511	-4.983	1.831	3478.	44.87	387.3	211.6
TEST DATA							
RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P1/P	P1/F0	CP(1)
14	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0
14	31.500	.62000-01	379.00	750.6	16.73	.2158	.822
14	31.500	.82000-01	383.00	545.2	12.15	.1568	1.292
14	31.500	.10200	387.00	367.8	8.197	.1058	.8340
14	31.500	.12400	391.00	321.7	7.168	.250-01	.7147
14	31.500	.14500	395.00	245.5	5.470	.7060-01	.5180
14	31.500	.19000	401.00	150.0	3.343	.4310-01	.2715
14	31.500	.23540	405.00	100.0	2.229	.2880-01	.1424
14	31.500	.27100	414.00	63.97	1.425	.1840-01	.4930-01

DATE 01 OCT 80

IHI1 INTEGRATED VEHICLE PRESSURE DATA
 IHI1, MODEL 84-01, E.T. LO2 BRACKET
 E.T.,LO2 BRACKET

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PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS						
RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF
19	2.495	-4.996	2.164	1950.	115.1	501.4
TEST DATA						
RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0
19	31.500	.43000-01	373.00	999.0	999.0	999.0
19	31.500	.62000-01	379.00	732.1	6.360	1.230
19	31.500	.82000-01	383.00	649.9	5.646	1.067
19	31.500	.10210-01	387.00	550.4	4.782	.3333
19	31.500	.12400	391.00	513.6	4.462	.2923
19	31.500	.14500	395.00	436.7	3.734	.2634
19	31.500	.19000	401.00	285.8	2.483	.2239
19	31.500	.23540	405.00	202.5	1.759	.1465
19	31.500	.27100	414.00	156.0	1.356	.1038
						.8000-01
						.8160-01
						-.3.578
						-.2280-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII, MODEL 84-01. E.T. LC2 BRACKET

E.T..LO2 BRACKET

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(RG1D09)

PARAMETRIC DATA

BETA * 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /F1 X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
19	2.495	.397-01	2.163	1950.	115.1	501.3	288.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(SI)	CP1/SI
19	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
19	31.500	.62000-01	379.00	861.0	7.480	.4416	1.488	-2.172	-.6850
19	31.500	.82000-01	383.00	667.2	5.797	.3422	1.101	-.2.558	-.4304
19	31.500	.10200	387.00	533.3	4.634	.2735	.8343	-2.825	-.2953
19	31.500	.12400	391.00	466.6	4.054	.5393	.7011	-2.958	-.2370
19	31.500	.14500	395.00	401.5	3.488	.2059	.5712	-3.088	-.1849
19	31.500	.19000	401.00	248.6	2.160	.1275	.5563	-3.393	-.7850
19	31.500	.23540	405.00	185.4	1.611	.9519-01	.1402	-3.519	-.3980
19	31.500	.27100	414.00	132.7	1.153	.6810-01	.3520-01	-3.625	-.9700-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-0T. E.T. LO2 BRACKET

E.T. LO2 BRACKET

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P _G PSF A	P _A PSF A	Q PSF	T _O DEG R
19	2.495	4.993	x10 6 2.164	1950.	115.1	501.5	288.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CP1/SI
19	31.500	.43000-01	373.00	999.0	999.0	.4618	1.567	999.0	999.0
19	31.500	.62000-01	379.00	900.7	7.824	.3751	1.229	-2.033	-7484
19	31.500	.82000-01	383.00	731.5	6.354	.7329	1.065	-2.431	-5057
19	31.500	.10200	387.00	649.3	5.640	.5379	.9290	-2.594	-4106
19	31.500	.12400	391.00	581.0	5.046	.2479	.7344	-2.731	-3402
19	31.500	.14500	395.00	493.4	4.199	.1323	.2950	-2.925	-2511
19	31.500	.19000	401.00	258.0	2.241	.1098	.1974	-3.375	-8440-01
19	31.500	.23540	405.00	214.1	1.860	.6670-01	.2930-01	-3.462	-5700-01
19	31.500	.27100	414.00	130.1	1.130			-3.630	-8200-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-01, E.T. LO2 BRACKET

E.T., LO2 BRACKET

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(RG1D09)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P ₀ PSF A	P PSF A	TO DEG R
18	2.389	4.979	1.982	2456.	67.95	240.5

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁ PSFA	P ₁ /P	P ₁ /P ₀	C _{P(11)}	C _{P(SI)}	C _{P(1)} /SI
18	31.500	.43000-C1	373.00	999.0	999.0	999.0	999.0	999.0	999.0
18	31.500	.62000-01	379.00	762.1	11.22	.3104	1.633	-3.985	-.4099
18	31.500	.82000-01	383.00	617.4	9.086	.2514	1.293	-4.325	-.2989
18	31.500	.10200	387.00	501.8	7.385	.2043	1.021	-4.598	-.2220
18	31.500	.12400	391.00	437.3	6.425	.1781	.8690	-4.749	-.1830
18	31.500	.14500	395.00	343.3	5.053	.1398	.6480	-4.970	-.1304
18	31.500	.16000	401.00	156.3	2.300	.6370-01	.2079	-5.410	-.3840-01
18	31.500	.23540	405.00	127.9	1.882	.5210-01	.1410	-5.477	-.2570-01
18	31.500	.27100	414.00	73.55	1.082	.3000-01	.1320-01	-5.605	-.2400-02

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DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHMII MODEL 84-0T, E.T. LOS BRACKET
DATE 01 OCT 80

(RG1009)
ACE 1349

PARAMETRIC DATA

BETA = 5 000

TEST CONDITIONS				TO DEG R	
RN/FT	PO PSFA	P PSFA	Q PSF		
/FT					
X10 6					
1.981	2452.	67.85	424.3		240.2

TEST CONDITIONS...
T PO PSF A PS
6 2452. 67.8
TEST DATA

RUN NUMBER	MACH	ALPHA DEG.	X/LREF	TAP NO
RUN NUMBER	THETA			
18	2.989	.1597-01		
18	31.500	430000-01	373.00	
18	31.500	620000-01	379.00	
18	31.500	820000-01	383.00	
18	31.500	102000	387.00	
18	31.500	124000	391.00	
18	31.500	145000	395.00	
18	31.500	190000	401.00	
18	31.500	235400	405.00	
18	31.500	271000	414.00	

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII, MODEL 84-01, E.I. LO2 BRACKET

E.I. LO2 BRACKET

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(RG1009)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
18	2.989	-4.976	1.981	2452.	67.87	424.5	240.4

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P ₁ /P	P ₁ /P ₀	CP(1)	CP(SI)	CP1/SI
18	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
18	31.500	.62000-01	379.00	570.3	8.403	.2325	1.184	-4.434	-2669
18	31.500	.82000-01	383.00	496.6	7.317	.2025	1.010	-4.608	-2192
18	31.500	.10200	387.00	420.4	6.194	.1714	.8305	-4.788	-1735
18	31.500	.12400	391.00	376.8	5.553	.1637	.7279	-4.890	-1489
18	31.500	.14500	395.00	326.2	4.807	.1330	.6086	-5.010	-1215
18	31.500	.19000	401.00	204.0	3.007	.8320-01	.3208	-5.297	-6060-01
18	31.500	.23540	405.00	139.3	2.053	.5680-01	.1684	-5.450	-3090-01
18	31.500	.27100	414.00	99.51	1.466	.4060-01	.7450-01	-5.544	-1340-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-01. E.T. LO2 BRACKET
E.T.,LO2 BRACKET

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(RG1009)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	F0 PSFA	P0 PSFA	α PSF	θ DEG R
13	3.512	-4.970	1.850	3483.	44.90	387.6	210.2

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CP1/SI
13	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
13	31.500	.62000-01	379.00	555.1	12.36	.1594	1.316	-7.553	-174.3
13	31.500	.82000-01	383.00	475.6	10.59	.1366	1.111	-7.758	-1432
13	31.500	.10200-	387.00	392.9	8.752	.1128	.8979	-7.972	-1126
13	31.500	.12400	391.00	340.7	7.588	.5780-01	.7631	-8.107	-9410-01
13	31.500	.14500	395.00	289.5	6.447	.8310-01	.6309	-8.239	-7660-01
13	31.500	.19000	401.00	172.7	3.846	.4960-01	.3295	-8.540	-3860-01
13	31.500	.23540	405.00	113.4	2.526	.3260-01	.1767	-8.693	-2030-01
13	31.500	.27100	414.00	78.59	1.751	.2260-01	.0690-01	-8.783	-9900-02

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-0T. E.T. LO2 BRACKET

E.T..LO2 BRACKET

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(RG1009)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	TO DEG R
13	3.512	.6002-02	x10 6 1.844	3477.	44.84	387.0	210.5

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CP1/S1
13	31.500	43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
13	31.500	.62000-01	379.00	675.3	15.06	.1942	1.629	-7.239	.2250
13	31.500	.82000-01	383.00	557.1	12.43	.1602	1.324	-7.544	-1.1754
13	31.500	.10200	387.00	394.2	8.792	.1134	.9026	-7.965	-1.133
13	31.500	.12400	391.00	308.3	6.877	.6870-01	.6807	-8.187	-.8310-01
13	31.500	.14500	395.00	251.5	5.609	.7230-01	.5339	-8.334	-.6410-01
13	31.500	.19000	401.00	142.0	3.167	.4080-01	.2511	-8.617	-.2910-01
13	31.500	.23540	405.00	101.5	2.264	.2920-01	.1464	-8.722	-.1680-01
13	31.500	.27100	414.00	62.11	1.385	.1790-01	.4460-01	-8.823	-.5100-02

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 (RG1009)

IH1 INTEGRATED VEHICLE PRESSURE DATA
 IH1, MODEL 84-01. E.T. LO2 BRACKET
 E.T. LO2 BRACKET

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS***						
RUN NUMBER	MACH	ALPHA DEG.	PN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF TO DEG R
13	3.512	5.006	1.844	3480.	44.87	387.4 210.6
TEST DATA***						
RUN NUMBER	THETA	X/LREF	TAP NO	P1/P PSFA	P1/F0	CP(1) CP(SI) CPI/SI
13	31.500	.43000-01	373.00	999.0	999.0	999.0 999.0
13	31.500	.62000-01	379.00	696.8	15.53	1.683 -7.185
13	31.500	.82000-01	383.00	577.2	12.86	1.374 -.2342
13	31.500	.10200	387.00	442.1	9.852	1.270 -.1834
13	31.500	.12400	391.00	374.1	8.337	1.075 .025 -.1307
13	31.500	.14500	395.00	395.0	6.075	.7830-01 .8500 -.1060
13	31.500	.19000	401.00	401.00	124.0	2.764 .3560-01 .2044 -.7100-01
13	31.500	.23540	405.00	102.0	2.273	.2930-01 .1475 -.8664 -.2360-01
13	31.500	.27100	414.00	57.55	1.282	.1650-01 .3270-01 -.835 -.3700-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-T, E.T. LOC BRACKET

E.T. LOC BRACKET

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P ₀ PSF	T ₀ DEG R
48	2.495	-4.943	2.159	1950.	115.1	288.5

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁₁ PSF A	P ₁ /P	P ₁ /FO	CP(11)	CP(S1)	CP(11)/S1
48	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
48	31.500	.62000-01	379.00	987.2	8.577	.5063	1.740	-1.920	-.9060
48	31.500	.82000-01	383.00	797.5	6.928	.4090	1.361	-.2.298	.5922
48	31.500	.10200	387.00	733.6	6.373	.7762	1.234	-2.426	-.5085
48	31.500	.12400	391.00	683.6	5.939	.5506	1.134	-2.525	.4490
48	31.500	.14500	395.00	552.1	4.797	.2832	.8717	-2.788	-.3127
48	31.500	.19000	401.00	284.8	2.474	.1461	.3385	-3.321	-.1019
48	31.500	.23540	405.00	150.7	1.309	.7730-01	.7100-01	-3.588	-.1980-01
48	31.500	.27100	414.00	121.9	1.059	.6250-01	.1350-01	-3.646	-.3700-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-T. E.T. LO2 BRACKET

E.T., LO2 BRACKET

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PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	TO DEG R
48	2.494	.5697-03	X10 ⁶ 2.158	1950.	115.1	501.4	288.6

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P11 PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CPI(SI)
48	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
48	31.500	.62000-01	379.00	806.9	7.010	.4138	1.380	-2.280	-.6052
48	31.500	.82000-01	383.00	588.5	5.112	.3018	.9442	-.2.715	-.3477
48	31.500	.10200	387.00	453.7	3.941	.2327	.6753	-2.984	-.2263
48	31.500	.12400	391.00	429.5	3.731	.6202	.6270	-3.032	-.2067
48	31.500	.14500	395.00	329.6	2.863	.1690	.4278	-3.232	-.1324
48	31.500	.19000	401.00	189.9	1.649	.9740-01	.1491	-3.510	-.4250-01
48	31.500	.23540	405.00	124.7	1.083	.6390-01	.1910-01	-3.640	-.5200-02
48	31.500	.27100	414.00	96.57	.8389	.4950-01	-.3700-01	-3.696	.1000-01

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IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-1. E.T. LO2 BRACKET

E.T. LO2 BRACKET

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P0 PSF A	P PSF A	Q PSF	T0 DEG R
48	2.494	5.015	2.157	1950.	115.1	501.4	288.7

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSF A	P/I/P	P/I/FO	CP(I)	CP(II)	CP(SI)	CPI/SI
48	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0	999.0
48	31.500	.62000-01	379.00	619.7	5.382	.3177	1.006	-2.653	-3.792	
48	31.500	.82000-01	383.00	472.4	4.103	.2422	.7125	-.947	-.2418	
48	31.500	.10200	387.00	347.6	3.019	.1783	.4637	-3.196	-.1451	
48	31.500	.12400	391.00	305.9	2.657	.1569	.3805	-3.279	-.1160	
48	31.500	.14500	395.00	246.7	2.143	.1265	.2624	-3.397	-.7720-01	
48	31.500	.19000	401.00	159.4	1.385	.8180-01	.8830-01	-3.571	-.2470-01	
48	31.500	.23540	405.00	112.4	.9764	.5760-01	-.5400-02	-3.665	.1500-02	
48	31.500	.27100	414.00	83.24	.7230	.4270-01	-.6360-01	-3.723	.1710-01	

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IHI INTEGRATED VEHICLE PRESSURE DATA

E.T. LO2 BRACKET
IHI. MODEL 84-T. E.T. LO2 BRACKETPAGE 1357
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PARAMETRIC DATA

BETA = -5.000

*** TEST CONDITIONS ***

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P ₀ PSFA	P _A PSFA	⁰ PSF	TO DEG R
43	2.989	5.026	1.989	2463.	68.15	426.2	240.4

*** TEST DATA ***

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CP(51)
43	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
43	31.500	.62000-01	379.00	492.5	7.227	.199	.9955	.4.623	.2153
43	31.500	.82000-01	383.00	348.7	5.117	.1416	.6582	.4.961	.1327
43	31.500	.10200	387.00	247.1	3.627	.1003	.4199	.5.199	.8080-01
43	31.500	.12400	391.00	215.1	3.157	.6730-01	.3448	.5.274	.6540-01
43	31.500	.14500	395.00	168.8	2.477	.6850-01	.2361	.5.383	.4390-01
43	31.500	.19000	401.00	103.9	1.525	.4220-01	.8400-01	.5.55	.1520-01
43	31.500	.23540	405.00	65.50	.9612	.2660-01	.6200-02	.5.625	.1100-02
43	31.500	.27100	414.00	44.72	.6563	.1820-01	.5500-01	.5.674	.9700-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-T. E.T. LO2 BRACKET

E.T. LO2 BRACKET

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(RGD13)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	TO DEG R
43	2.989	.8997-02	X10 6 1.984	2458.	68.02	425.4	240.4

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP(S1)
43	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
43	31.500	.62000-01	379.00	635.7	9.346	.2586	1.334	-4.284	-.3115
43	31.500	.82000-01	383.00	454.7	6.685	.1850	.9090	-4.710	-.1930
43	31.500	.10200	387.00	312.0	4.587	.1269	.5735	-5.045	-.1137
43	31.500	.12400	391.00	287.2	4.222	.1168	.5151	-5.103	-.1009
43	31.500	.14500	395.00	207.8	3.055	.8450-01	.3285	-5.290	-.6210-01
43	31.500	.19000	401.00	121.0	1.779	.4920-01	.1246	-5.494	-.2270-01
43	31.500	.23540	405.00	83.86	1.233	.3410-01	.3720-01	-5.581	-.6700-02
43	31.500	.27100	414.00	59.01	.8675	.2400-01	-.2120-01	-5.640	.3800-02

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-T, E.T. LO2 BRACKET
DATE 01 OCT 80

PARAMETRIC DATA

BETA = -5,000

TEST CONDITIONS

ALPHA DEG.	RN/FT /FT X10 -6	PO PSFA	P PSFA	Q PSF	T0 DEG R
-4.938	1.986	2460.	68.06	425.7	240 3

*** TEST DATA ***

NUMBER	PSFA	C(51)	C(51)	CP751
4.3	.31.500	373.00	999.0	999.0
4.3	.31.500	379.00	831.7	12.22
4.3	.31.500	.82000-01	383.00	687.5
4.3	.31.500	.10200	387.00	531.4
4.3	.31.500	.12400	391.00	546.0
4.3	.31.500	.14500	395.00	389.6
4.3	.31.500	.19000	401.00	173.4
4.3	.31.500	.23500	405.00	92.33
4.3	.31.500	.27100	414.00	72.68

DATE 01 OCT 80

IH1 INTEGRATED VEHICLE PRESSURE DATA

IH1. MODEL 84-T. E.T. LO2 BRACKET

E.T. LO2 BRACKET

BETA = -5.000

PARAMETRIC DATA

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
42	3.512	-4.935	1.845	3481.	44.89	387.5	210.5

TEST CONDITIONS							
RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P1/P	P1/F0	CP(1)

TEST DATA							
RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P1/P	P1/F0	CP(1)
42	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0
42	31.500	.62000-01	379.00	793.7	17.68	.2280	1.933
42	31.500	.82000-01	383.00	681.5	15.18	.1958	1.643
42	31.500	.10200	387.00	495.0	11.03	.1422	1.162
42	31.500	.12400	391.00	537.3	11.97	.1543	1.271
42	31.500	.14500	395.00	347.8	7.749	.9990-01	.7817
42	31.500	.19000	401.00	156.3	3.037	.3920-01	.2360
42	31.500	.23540	405.00	68.94	1.536	.1980-01	.6210-01
42	31.500	.27100	414.00	51.45	1.146	.1480-01	.1690-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-T. E.T. LO2 BRACKET

E.T..LO2 BRACKET

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-T. E.T. LO2 BRACKET

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
42	3.512	.6188-02	1.641	3480.	44.87	387.4	210.8

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CPI/S1
42	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
42	31.500	.62000-01	379.00	630.8	14.06	.1813	1.513	-7.355	.2057
42	31.500	.82000-01	383.00	408.2	9.097	.1173	.9381	-7.929	-.1183
42	31.500	.10200	387.00	271.7	6.055	.7810-01	.5856	-8.282	-.7070-01
42	31.500	.12400	391.00	241.4	5.379	.6340-01	.5073	-8.360	-.6070-01
42	31.500	.14500	395.00	167.0	3.720	.4800-01	.3152	-8.552	-.3690-01
42	31.500	.19000	401.00	92.62	2.064	.2660-01	.1233	-8.744	-.141C-01
42	31.500	.23540	405.00	57.79	1.288	.1660-01	.3330-01	-8.834	-.3800-02
42	31.500	.27100	414.00	38.30	.8535	.1100-01	-.1700-01	-8.884	.1900-02

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IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-T, E.T. LO2 BRACKET

E.T..LO2 BRACKET

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(RGD13)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSF A	P PSF A	Q PSF	TO DEG R.
42	3.512	5.023	1.838	3479.	44.87	387.3	211.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P1/P	P1/F0	CPI(1)	CPI(S1)	CPI/SI
42	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
42	31.500	.62000-01	379.00	437.8	9.757	1.015	-7.852	-1.292	
42	31.500	.82000-01	383.00	303.9	6.772	.6687	-6.198	-.8160-01	
42	31.500	.10200	387.00	196.6	4.426	.5710-01	.3969	-8.469	-.4690-01
42	31.500	.12400	391.00	165.8	3.695	.4770-01	.3122	-8.554	-.3650-01
42	31.500	.14500	395.00	133.4	2.974	.3840-01	.2286	-8.638	-.2650-01
42	31.500	.19000	401.00	84.75	1.889	.2440-01	.1030	-8.763	-.1170-01
42	31.500	.23540	405.00	51.96	1.158	.1490-01	.1830-01	-8.848	-.2100-02
42	31.500	.27100	414.00	33.23	.7405	.9600-02	-.3010-01	-8.896	-.3400-02

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IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-T. E.T. LO2 BRACKET

E.T. LO2 BRACKET

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(RGD14)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	TO DEG R
47	2.495	5.043	X10 ⁶ 2.166	1952.	115.2	501.9	288.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP(S1)
47	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
47	31.500	.62000-01	379.00	644.2	5.591	.3300	1.054	-2.606	-4.045
47	31.500	.82000-01	383.00	509.7	4.424	.2611	.7861	-2.874	-2.735
47	31.500	.10200	397.00	393.0	3.411	.2014	.5535	-3.106	-1.782
47	31.500	.12400	391.00	334.5	2.904	.1714	.4370	-3.223	-1.356
47	31.500	.14500	395.00	281.2	2.440	.1440	.3307	-3.329	-9.930-01
47	31.500	.19000	401.00	175.0	1.519	.8970-01	.1192	-3.541	-3.370-01
47	31.500	.23540	405.00	127.1	1.103	.6510-01	.2370-01	-3.636	-6.500-02
47	31.500	.27100	414.00	94.42	.8195	.4840-01	-.4140-01	-3.701	-1.120-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-1. E.T. LO2 BRACKET
E.T..LO2 BRACKET

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PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
47	2.495	-4.943	2.159	1950.	115.1	501.4	288.5

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁ PSF A	P ₁ /P	P ₁ /F0	CPI II	CP(SI)	CP1/SI
47	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
47	31.500	.62000-01	379.00	944.4	8.203	.4843	1.654	-2.006	-.8246
47	31.500	.82000-01	383.00	744.5	6.467	.3818	1.255	-.404	-.5221
47	31.500	.10200	387.00	567.4	4.929	.2910	.9020	-2.757	-.3271
47	31.500	.12400	391.00	630.0	4.604	.5718	.8274	-2.832	-.2922
47	31.500	.14500	395.00	430.6	3.741	.2208	.6292	-3.030	-.2076
47	31.500	.19000	401.00	264.0	2.293	.1354	.2968	-3.363	-.8830-01
47	31.500	.23540	405.00	173.1	1.504	.8880-01	.1157	-3.544	-.3260-01
47	31.500	.27100	414.00	138.0	1.199	.7080-01	.4560-01	-3.614	-.1260-01

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IHII INTEGRATED VEHICLE PRESSURE DATA
 IHII. MODEL 84-T. E.T. LO2 BRACKET
 E.T.,LO2 BRACKET

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 (RGD14)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P ₀ PSF A	P PSF A	Q PSF	P ₀ TO DEG R
44	2.989	-4.938	1.986	2457.	67.97	425.2	240.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P1/P	P1/F0	CP(1)	CP(SI)	CP1/SI
44	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
44	31.500	.62000-01	379.00	806.8	11.87	.3284	1.738	-3.881	-4.477
44	31.500	.82000-01	383.00	576.3	8.479	.2346	1.196	-4.423	-2703
44	31.500	.10200	387.00	401.6	5.909	.1635	.7847	-4.834	-1623
44	31.500	.12000	391.00	370.7	5.453	.1509	.7119	-4.907	-1451
44	31.500	.14500	395.00	288.4	4.243	.1174	.5184	-5.000	-1016
44	31.500	.19000	401.00	177.3	2.609	.7220-01	.2572	-5.362	-4800-01
44	31.500	.23500	405.00	119.5	1.757	.4860-01	.1211	-5.98	-2200-01
44	31.500	.27100	414.00	83.82	1.233	.3410-01	.3730-01	-5.581	-6700-02

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IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-T, E.T. L02 BRACKET

E.T.,L02 BRACKET

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PARAMETRIC DATA

BETA = .0000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P0 PSF A	P PSF A	Q PSF	T0 DEG R
44	2.989	.3379-02	1.987	2455.	67.91	424.8	240.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P1/P	P1/F0	CP(1)	CP(SI)	CPI/SI
44	31.500	.43000-01	373.00	999.0	999.0	.2266	1.150	-4.469	999.0
44	31.500	.62000-01	379.00	556.3	8.191	.1669	.8048	-4.814	-.2573
44	31.500	.82000-01	383.00	409.8	6.034	.1307	.5956	-5.023	-.1672
44	31.500	.10200	387.00	320.9	4.726	.1148	.5033	-5.115	-.186
44	31.500	.12400	391.00	281.7	3.485	.9640-01	.3973	-5.221	.9840-01
44	31.500	.14500	395.00	236.7	2.258	.6250-01	.2012	-5.418	-.7610-01
44	31.500	.19000	401.00	153.4	1.476	.4080-01	.7600-01	-5.543	-.3710-01
44	31.500	.23540	405.00	100.2	1.013	.2800-01	.2000-02	-5.617	-.4000-03
44	31.500	.27100	414.00	68.78					

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
 IHII. MODEL 84-T. E.T. LOC BRACKET
 E.T. LOC BRACKET

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 (RGID14)

E.T. LOC BRACKET

PARAMETRIC DATA

BETA = .00000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P _A PSF A	Q PSF	T ₀ DEG R
44	2.989	5.026	1.986	2457.	67.98	425.2	240.2

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P ₁ /P	P ₁ /F0	CP(1)	CP(SI)	CPI/SI
44	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
44	31.500	.62000-01	379.00	567.9	8.355	.2312	1.176	-4.443	-26.47
44	31.500	.82000-01	383.00	397.8	5.852	.1619	.7757	-4.843	-16.02
44	31.500	.10200	387.00	293.4	4.316	.1194	.5302	-5.088	-16.42
44	31.500	.12400	391.00	340.5	3.539	.5790-01	.4059	-5.213	-77.90-01
44	31.500	.14500	395.00	197.5	2.906	.8040-01	.3047	-5.314	-57.30-01
44	31.500	.19000	401.00	115.1	1.693	.4680-01	.1107	-5.508	-20.10-01
44	31.500	.23540	405.00	80.09	1.178	.3260-01	.2850-01	-5.590	-51.00-02
44	31.500	.27100	414.00	57.59	.8472	.2340-01	.2440-01	-5.643	.4300-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-T. E.T. LO2 BRACKET

E.T. .LO2 BRACKET

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(RGID14)

PARAMETRIC DATA

BETA = .0000

*** TEST CONDITIONS ***

RUN NUMBER	MACH	ALPHA DEG.	RN/FT FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
41	3.512	5.040	X16.6 1.859	3483.	44.88	387.6	209.4

*** TEST DATA ***

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CP1/S1
41	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
41	31.500	.62000-01	379.00	526.5	11.73	.1511	1.243	-7.629	-1629
41	31.500	.82000-01	383.00	378.1	8.424	.1085	.8597	-6.013	-1073
41	31.500	.10200	387.00	254.1	5.662	.7300-01	.5399	-8.332	-6480-01
41	31.500	.12400	391.00	196.4	4.376	.5640-01	.3909	-8.481	-4610-01
41	31.500	.14500	395.00	158.1	3.523	.4540-01	.2922	-8.580	-3410-01
41	31.500	.19000	401.00	87.34	1.946	.2510-01	.1095	-8.763	-1250-01
41	31.500	.23540	405.00	53.75	1.198	.1540-01	.2290-01	-8.849	-2600-02
41	31.500	.27100	414.00	37.83	.8428	.1090-01	-.1820-01	-8.890	.2000-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-T, E.T. LO2 BRACKET

E.T. LO2 BRACKET

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(RGID14)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	PSF	DEG R
41	3.512	.1462-01	X10 6 1.852	3480.	44.86	387.3	209.9

TEST DATA

RUN NUMBER	THETA	X/L-REF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CP(SI)
41	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
41	31.500	.62000-01	379.00	467.2	10.42	.1342	1.090	-7.780	-.1402
41	31.500	.82000-01	383.00	346.2	7.717	.9950-01	.7780	-6.092	-.9610-01
41	31.500	.10200	387.00	270.7	6.033	.7780-01	.5829	-8.287	-.7030-01
41	31.500	.12400	391.00	233.6	5.206	.6710-01	.4872	-8.383	-.5810-01
41	31.500	.14500	395.00	195.9	4.366	.5630-01	.3899	-8.480	-.4600-01
41	31.500	.19000	401.00	122.2	2.725	.3510-01	.1997	-8.670	-.2300-01
41	31.500	.23540	405.00	74.30	1.656	.2130-01	.7600-01	-8.794	-.8600-02
41	31.500	.27100	414.00	48.57	1.083	.1400-01	.9600-02	-8.861	-.1100-02

DATE 01 OCT 80

IHI1 INTEGRATED VEHICLE PRESSURE DATA

IHI1. MODEL 84-T, E.T. L02 BRACKET

E.T.,L02 BRACKET

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(RG1D14)

PARAMETRIC DATA

BETA = .00000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P PSFA	Q PSF	T ₀ DEG R
41	3.512	-4.935	1.848	3480.	44.86	387.3	210.2

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CP(S1)
41	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
41	31.500	.62000-01	379.00	765.8	17.07	.2201	1.861	-7.008	-.2656
41	31.500	.82000-01	383.00	507.4	11.31	.1458	1.194	-7.675	-.1556
41	31.500	.10200	387.00	343.6	7.660	.9970-01	.7714	-8.098	-.9530-01
41	31.500	.12400	391.00	312.7	6.971	.6390-01	.6916	-8.178	-.8460-01
41	31.500	.14500	395.00	246.1	5.487	.7070-01	.5197	-8.349	-.6220-01
41	31.500	.19000	401.00	147.2	3.281	.4230-01	.2642	-8.605	-.3070-01
41	31.500	.23540	405.00	95.49	2.129	.2740-01	.1307	-8.738	-.1500-01
41	31.500	.27100	414.00	62.33	1.390	.1790-01	.4510-01	-8.824	-.5100-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-T. E.T. LO2 BRACKET

E.T. LO2 BRACKET

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSF A	P0 PSF A	⁰ PSF	⁰ DEG R
46	2.494	-4.949	X10 ⁶ 2.157	1946.	114.9	500.4	288.3

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P1/P	P1/F0	CP(1)	CP(SI)	CP1/SI
46	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
46	31.500	.62000-01	379.00	732.6	6.377	.3765	1.235	-2.425	-.5092
46	31.500	.82000-01	383.00	657.7	5.725	.3390	1.085	-2.575	-.4214
46	31.500	.10200	387.00	563.8	4.907	.2997	.8971	-2.762	-.3248
46	31.500	.12400	391.00	523.7	4.559	.6691	.8170	-2.842	-.2875
46	31.500	.14500	395.00	443.0	3.856	.2277	.6558	-3.004	-.2183
46	31.500	.19000	401.00	294.1	2.560	.1511	.3581	-3.301	-.1085
46	31.500	.23540	405.00	213.3	1.857	.1096	.1967	-3.463	-.5680-01
46	31.500	.27100	414.00	158.7	1.382	.8160-01	.8760-01	-3.572	-.2450-01

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DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-T, E.T. LO2 BRACKET

E.T. LO2 BRACKET

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(RG1015)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P ₀ PSF A	P ₀ PSF A	TO DEG R
46	2.495	.8997-02	X10 6 2.166	1952.	115.2	501.8
					288.0	

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CP1/SI
46	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
46	31.500	.62000-01	379.00	836.3	7.260	.4285	1.437	-2.223	-6.655
46	31.500	.82000-01	383.00	712.5	6.185	.3650	1.190	-2.470	-4.820
46	31.500	.10200	387.00	570.4	4.952	.2923	.9072	-2.752	-3.296
46	31.500	.12400	391.00	471.7	4.095	.2417	.7105	-2.949	-2.409
46	31.500	.14500	395.00	403.9	3.506	.2070	.5754	-3.084	-1.865
46	31.500	.19000	401.00	247.7	2.150	.1269	.2641	-3.396	-7.780-01
46	31.500	.23540	405.00	187.1	1.624	.9590-01	.1433	-3.516	-4.070-01
46	31.500	.27100	414.00	129.9	1.128	.6660-01	.2940-01	-3.630	-8.100-02

DATE 01 OCT 80

[H1] INTEGRATED VEHICLE PRESSURE DATA
[H1]. MODEL 84-T. E.T. LO2 BRACKET
E.T., LO2 BRACKET

PARAMETRIC DATA

BETA = 5.000

••• TEST CONDITIONS •••						
RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10.6	P0 PSFA	P PSFA	Q PSF
46	2.495	5.040	2.167	1952.	115.2	501.9
••• TEST DATA •••						
RUN NUMBER	THETA	X/LREF	TAP NO	P11 PSFA	P1/P	P1/F0
46	31.500	.43000-01	373.00	999.0	999.0	999.0
46	31.500	.62000-01	379.00	887.5	7.703	1.539
46	31.500	.82000-01	383.00	760.7	6.602	.3897
46	31.500	.10200	387.00	675.0	5.858	.7458
46	31.500	.12400	391.00	594.6	5.161	.1046
46	31.500	.14500	395.00	483.4	4.196	.2477
46	31.500	.19000	401.00	244.7	2.123	.7337
46	31.500	.23540	405.00	204.3	1.123	.1253
46	31.500	.27100	414.00	117.7	1.074	.1047
				1.021	.6030-01	.1776
					.4900-02	-3.655
						-.1300-02

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-T, E.T. LO2 BRACKET

E.T., LO2 BRACKET

PARAMETRIC DATA

BETA = 5.000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
46	2.495	.2585-01	2.166	1953.	115.3	502.2	288.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P(I/P)	P(I/F0)	CP(I)	CP(SI)	CP(SI)
46	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
46	31.500	.62000-01	379.00	740.1	6.419	.3789	1.244	-2.416	-.5151
46	31.500	.82000-01	383.00	557.0	4.831	.2852	.8795	-.2.780	-.3163
46	31.500	.10200	387.00	448.5	3.890	.2296	.6634	-.2.996	-.2214
46	31.500	.12400	391.00	405.4	3.516	.4075	.5776	-.3.082	-.1874
46	31.500	.14500	395.00	334.7	2.903	.1713	.4368	-.3.223	-.1355
46	31.500	.19000	401.00	217.9	1.890	.1116	.2043	-.3.455	-.5910-01
46	31.500	.23540	405.00	153.7	1.333	.7870-01	.7650-01	-.3.583	-.2130-01
46	31.500	.27100	414.00	114.8	.9961	.5880-01	.9000-03	-.3.661	.2000-03

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IHI INTEGRATED VEHICLE PRESSURE DATA
IHI. MODEL 84-T. E.T. LO2 BRACKET

E.T.,LO2 BRACKET

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(RGID15)

PARAMETRIC DATA

BETA = 5.000

•••TEST CONDITIONS•••

RUN NUMBER	MACH	ALPHA DEG.	RN/FT FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
45	2.989	5.023	X10.6 1.986	2456.	67.94	425.0	240.1

•••TEST DATA•••

RUN NUMBER	THETA	X/LREF	TAP NO	P1/P PSFA	P1/FO	CP(1)	CP(S1)	CP(S1)
45	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0
45	31.500	.62000-01	379.00	753.0	11.08	.3066	1.612	-4.007
45	31.500	.82000-01	383.00	614.6	9.045	.2503	1.295	-4.332
45	31.500	.102n0	387.00	49.0	7.344	.2032	1.014	-4.604
45	31.500	.124n0	391.00	409.2	6.023	.1666	.8031	-4.816
45	31.500	.14500	395.00	305.8	4.501	.1245	.5598	-5.059
45	31.500	.19000	401.00	148.3	2.183	.6040-01	.1892	-5.429
45	31.500	.23540	405.00	115.9	1.706	.4720-01	.1128	-5.506
45	31.500	.27100	414.00	71.15	1.047	.2900-01	.7600-02	-5.611

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DATE 01 OCT 80

IHI 1 INTEGRATED VEHICLE PRESSURE DATA
IHI 1. MODEL 84-T, E.T. LO2 BRACKET

E.T., LO2 BRACKET

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(RGD15)

PARAMETRIC DATA

BETA = 5.000

•••TEST CONDITIONS•••

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P ₀ PSFA	TO DEG R
45	2.989	.1742-01	1.985	2454.	67.91	424.7 240.1

•••TEST DATA•••

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁ PSFA	P ₁ /P	P ₁ /F0	CPI(1)	CPI(SI)	CPI(S)
45	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
45	31.500	.62000-01	379.00	687.5	1.012	.2801	1.459	-4.160	-.3507
45	31.500	.82000-01	383.00	578.2	8.515	.2356	1.201	-4.417	-.2720
45	31.500	.10200	387.00	426.8	6.286	.1739	.8451	-4.774	-.1770
45	31.500	.12400	391.00	346.0	5.095	.1410	.6548	-4.964	-.1319
45	31.500	.14500	395.00	290.5	4.279	.1184	.5242	-5.094	-.1029
45	31.500	.19000	401.00	169.0	2.488	.6880-01	.2379	-5.381	-.4420-01
45	31.500	.23540	405.00	121.2	1.785	.4940-01	.1255	-5.493	-.2280-01
45	31.500	.27100	414.00	80.09	1.179	.3260-01	.2870-01	-5.590	-.5100-02

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IH11 INTEGRATED VEHICLE PRESSURE DATA
 IH11. MODEL 84-1. E.T. LO2 BRACKET
 E.T., LO2 BRACKET

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 (RGIDIS)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
45	2.989	-4.952	1.987	2456.	67.94	425.0	240.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P11 PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CP(1/SI)
45	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
45	31.500	.62000-01	379.00	576.2	8482	.2346	1.196	-4.423	-.2704
45	31.500	.82000-01	383.00	504.1	7419	.2053	1.026	-4.592	-.2235
45	31.500	.10200-01	387.00	430.4	6335	.1753	.8530	-4.766	-.1790
45	31.500	.12400-01	391.00	376.0	5534	.1531	.7249	-4.894	-.1481
45	31.500	.14500-01	395.00	318.9	4694	.1299	.5905	-5.028	-.1174
45	31.500	.19000-01	401.00	200.2	2946	.8150-01	.3111	-5.308	-.5860-01
45	31.500	.23540-01	405.00	134.2	1976	.5470-01	.1560	-5.463	-.2860-01
45	31.500	.27100-01	414.00	96.41	1419	.3930-01	.6700-01	-5.552	-.1210-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-T. E.I. LO2 BRACKET

E.I. LO2 BRACKET

PAGE 1378
(RGID15)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P ₀ PSFA	P PSFA	Q PSF	T ₀ DEG R
40	3.513	-4.949	1.886	3481.	44.79	387.0	207.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P _I /P	P _I /FO	CP(I)	CP(SI)	CPI/SI
40	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
40	31.500	.62000-01	379.00	530.4	11.84	.1524	1.255	-7.625	-.1646
40	31.500	.82000-01	383.00	467.7	10.44	.1343	1.093	-7.787	-.1403
40	31.500	.10200	387.00	396.3	8.848	.1138	.9083	-7.971	-.1139
40	31.500	.12400	391.00	335.8	7.497	.5050-01	.7519	-8.128	-.9250-01
40	31.500	.14500	395.00	282.0	6.296	.6130	.6130	-8.267	-.7420-01
40	31.500	.19000	401.00	170.6	3.808	.4900-01	.3250	-8.554	-.3800-01
40	31.500	.23540	405.00	111.2	2.482	.3190-01	.1715	-8.708	-.1970-01
40	31.500	.27100	414.00	76.82	1.715	.2210-01	.8280-01	-8.797	-.9400-02

DATE 01 OCT 80

E.T. LO2 BRACKET

IHI 1 INTEGRATED VEHICLE PRESSURE DATA
IHI 1, MODEL 84-T, E.T. LOG BRACKET

PARAMETRIC DATA

$$\text{BETA} = 5.000$$

TEST CONDITIONS

LPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
1188-02	X10 6 1964	7001	66 95	207 7	200 9

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Run Number	Theta	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CP1/SI
40	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
	31.500	.62000-01	379.00	644.7	14.39	.1852	1.549	-7.325	.2115
	31.500	.82000-01	383.00	538.6	12.01	.1547	1.275	-7.599	.1678
	31.500	.10200	387.00	392.9	8.765	.1128	.8986	-8.975	.1127
	31.500	.12400	391.00	297.6	6.635	.5530	.6525	-8.221	.7940-0
	31.500	.14500	395.00	243.9	5.438	.7010	.5139	-8.360	.6150-0
	31.500	.19000	401.00	140.0	3.122	.4020	.2457	-8.628	.2850-0
	31.500	.23500	405.00	97.34	2.717	.2800	.1355	-8.735	.1550-0
	31.500	.27100	414.00	59.26	2.221	.2700	.1200	-8.770	.14200-0
	31.500	.32700	423.00	50.26	2.122	.2700	.1200	-8.770	.14200-0

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

E.T. LO2 BRACKET
E.T. LO2 BRACKET

IH11. MODEL 84-T. E.T. LO2 BRACKET

PAGE 1380
(RGD15)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	TO DEG R
40	3.512	5.040	X10 ⁻⁶ 1.859	3483.	44.88	387.5	209.4

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P111 PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP(1/S1)
40	31.500	.43000-01	373.00	999.0	999.0	999.0	999.0	999.0	999.0
40	31.500	.62000-01	379.00	695.1	15.49	.1577	1.678	-7.194	-.2332
40	31.500	.82000-01	383.00	549.2	12.24	.1577	1.301	-7.571	-.1719
40	31.500	.10200	387.00	443.6	9.884	.1273	1.029	-7.843	-.1312
40	31.500	.12400	391.00	368.6	8.214	.1058	.8354	-8.037	-.1040
40	31.500	.14500	395.00	270.7	6.033	.7770-01	.5828	-8.289	-.7030-01
40	31.500	.19000	401.00	119.1	2.655	.3420-01	.1917	-8.681	-.2210-01
40	31.500	.23540	405.00	100.2	2.232	.2880-01	.1427	-8.729	-.1630-01
40	31.500	.27100	414.00	54.96	1.225	.1580-01	.2600-01	-8.846	-.2900-02

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DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-01S. E.T. LH2 BRACKET
E.T. LH2 BRACKET

PAGE 1381
(RGIE01)

PARAMETRIC DATA

BETA = -5.000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P PSF A	Q PSF	TO DEG R
3	2.495	-5.000	2.160	1945.	114.8	500.1	287.8

TEST CONDITIONS

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁ PSF A	P ₁ /P	P ₁ /FO	CP(11)	CP(S1)	CP(S1)
3	329.00	.44700	491.00	490.8	4.275	.2524	.7519	-2.908	.2586
3	329.00	.54600	425.00	319.7	2.785	.1644	.4098	-3.250	.1261
3	329.00	.93700	499.00	522.6	4.552	.2687	.8155	-2.844	.2867

TEST DATA

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-OTS. E.T. LH2 BRACKET
E.T..LH2 BRACKET

PAGE 1382
(RGIE01)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	P0 PSFA	P PSFA	0 PSF	TO DEG R
3	2.495	.4009-02	2.160	1946.	114.9	500.3	288.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP1/S1
3	329.00	.44700	491.00	360.6	3.140	.1854	.4913	-3.168	-.1551
3	329.00	.54600	495.00	457.9	3.986	.2353	.6856	-2.974	-.2305
3	329.00	.93700	499.00	527.1	4.589	.2709	.8240	-.836	-.2906

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-OTS, E.T. LH2 BRACKET

E.T., LH2 BRACKET

PAGE 1383
(RGIE01)

PARAMETRIC DATA

BETA = -5.000

RUN NUMBER	MACH	ALPHA DEG.	*** TEST CONDITIONS ***			
			RN/FT X10 ⁶	PO PSFA	P PSFA	Q PSF
3	2.495	5.016	2.161	1946.	114.9	590.3

RUN NUMBER	THETA	X/LREF	TAP NO	*** TEST DATA ***			
				P(1) PSFA	P1/P PSFA	P1/F0	CP(1) CP(SI)
3	329.00	.44700	491.00	218.2	1.900	.1122	.2067
3	329.00	.54600	495.00	380.8	3.316	.1957	.5317
3	329.00	.93700	499.00	554.2	4.826	.2849	.8783

RUN NUMBER	THETA	X/LREF	TAP NO	*** TEST DATA ***			
				P(1) PSFA	P1/P PSFA	P1/F0	CP(1) CP(SI)
1	329.00	.44700	491.00	218.2	1.900	.1122	.2067
1	329.00	.54600	495.00	380.8	3.316	.1957	.5317
1	329.00	.93700	499.00	554.2	4.826	.2849	.8783

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-OTS. E.T. LH2 BRACKET

E.T. LH2 BRACKET

PAGE 1384
(RGIE01)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	T0 DEG R
9	2.989	5.010	1.966	2449.	67.80	424.0	241.5

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CPI/SI
9	329.00	.44700	491.00	115.5	1.704	.4720-01	.1125	-5.504	-.2040-01
9	329.00	.54600	495.00	368.7	5.438	.1505	.7097	-4.907	-.1446
9	329.00	.93700	499.00	325.2	4.796	.1328	.6070	-5.010	-.1212

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-OTS. E.T. LH2 BRACKET

E.T., LH2 BRACKET

PAGE 1385
(RGIE01)

PARAMETRIC DATA

BETA = -5.000

		TEST CONDITIONS					
RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁻⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
9	2.989	-4.988	1.987	2451.	67.80	424.1	239.6

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSF A	P/I/P	P/I/F0	CP(I)	CP(SI)	CP(S)
9	329.00	.44700	491.00	344.3	5.078	.1405	.6520	-.967	-.13.3
9	329.00	.54600	495.00	264.0	3.893	.1077	.4626	-5.156	-.890-01
9	329.00	.93700	499.00	394.5	5.818	.1610	.7703	-4.849	-.1589

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-OTS. E.T. LH2 BRACKET

E.T. LH2 BRACKET

PAGE 1386
(RGIE01)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P ₀ PSF	TO DEG R
9	2.989	.1397-01	1.986	2449.	67.75	423.8 239.6

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁ (1) PSF A	P ₁ /P	P ₁ /FO	CP(1)	CP(S1)	CP(S1)	CPI/SI
9	329.00	.44700	491.00	474.4	7.002	.1937	.9596	-4.659	-2060	
9	329.00	.54600	495.00	240.3	3.547	.9810-01	.4072	-5.211	-.780-01	
9	329.00	.93700	499.00	379.7	5.604	.1550	.7361	-4.883	-1508	

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DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

E.T., LH2 BRACKET

IH11. MODEL 84-OTS. E.T. LH2 BRACKET

E.T., LH2 BRACKET

PARAMETRIC DATA

BETA = -5.000

*** TEST CONDITIONS ***

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P ₀ PSFA	P PSFA	θ PSF	T ₀ DEG R
9	2.989	4.983	1.986	2451.	67.82	424.2	239.8

*** TEST DATA ***

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CPI/SI
9	329.00	.44700	491.00	115.7	1.706	.4720-01	.1129	-5.506	-.2050-01
9	329.00	.54600	495.00	364.6	5.376	.1487	.6996	-.4.919	-.1422
9	329.00	.93700	499.00	313.0	4.614	.1277	.5779	-5.041	-.1146

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-OTS, E.T. LH2 BRACKET

E.T. LH2 BRACKET

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(RGIE01)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	TO DEG R
6	3.510	-4.970	1.808	3477.	44.92	387.5	213.7

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P1/P PSFA	P1/F0	CP(1)	CP(SI)	CPI/SI
6	329.00	.44700	491.00	197.1	.4.388	.5670-01	.3927	-.4640-01
6	329.00	.54600	495.00	294.0	6.544	.8450-01	.6427	-.8.215
6	329.00	.93700	499.00	278.4	6.198	.8010-01	.6026	-.6.255

DATE 01 OCT 80

IH1 INTEGRATED VEHICLE PRESSURE DATA
IH1, MODEL 84-015, E.T. LH2 BRACKET

E.T., LH2 BRACKET

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(RGIE01)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS						
RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	P0 PSFA	P PSFA	Q PSF
6	3.510	-.5379-01	1.804	3476.	44.91	387.4
TEST DATA						
RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/FO	CP(1)
6	329.00	.44700	491.00	305.3	6.799	.8780-01
6	329.00	.54600	495.00	257.8	5.740	.7420-01
6	329.00	.93700	499.00	229.3	5.107	.6600-01
						.4761
						-8.381
						-.5680-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-OTS. E.T. LH2 BRACKET

E.T. LH2 BRACKET

PAGE 1390
(RG/E01)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	TO DEG R
6	3.510	5.024	X10.6 1.804	3474.	44.89	387.2	213.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/F0	CP(I)	CP(SI)	CP1/SI
6	329.00	.44700	491.00	77.86	1.735	.2240-01	.8520-01	-8.772	-.9700-02
6	329.00	.54600	495.00	348.1	7.754	.1002	.7830	-8.074	-.9700-01
6	329.00	.93700	499.00	365.7	8.145	.1052	.8284	-8.029	-.1032

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-OTS. E.T. LH2 BRACKET
E.T. LH2 BRACKET

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(RG1E02)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS							
RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	PO PSFA	P PSFA	PSF	TO DEG R
2	2.495	5.028	2.160	1945.	114.8	500.2	287.8
TEST DATA							
RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CPI(SI)
2	329.00	.44700	491.00	372.1	3.241	.1913	.5145
2	329.00	.54600	495.00	242.3	2.110	.1245	.2548
2	329.00	.93700	499.00	292.8	2.550	.1505	.3559
							-3.145
							-.1636
							-3.405
							-.3.304
							-.1077

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DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-01S, E.T. LH2 BRACKET

E.T. LH2 BRACKET

PAGE 1392
(RG1E02)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSF	P PSF	Q PSF	T0 DEG R
2	2.495	-.2788-01	2.160	1946.	114.9	500.3	288.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSF	P1/P	P1/F0	CP(I)	CP(SI)	CP(SI)
2	329.00	.44700	491.00	390.1	3.396	.2005	.5501	-.3.109	-.1769
2	329.00	.54600	495.00	273.3	2.380	.1405	.3168	-.3.343	-.9480-01
2	329.00	.93700	499.00	330.0	2.873	.1696	.4300	-.3.229	-.1331

DATE 01 OCT 80

IHI I INTEGRATED VEHICLE PRESSURE DATA
IHI I. MODEL 84-OTS. E.T. LH2 BRACKET
E.T., LH2 BRACKET

PAGE 1393
(RGIE02)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
2	2.495	-4.995	X10 6 2.162	1946.	114.9	500.4	287.8

TEST DATA

RUN NUMBER	THETA X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CP1/SI
2	329.00	.44700	491.00	394.0	3.430	.2025	.5579	-.1799
2	329.00	.54600	495.00	345.9	3.011	.177	.4616	-.1443
2	329.00	.93700	499.00	392.3	3.415	.2016	.5543	-.1785

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-OTS. E.T. LH2 BRACKET
(RGIE02)

E.T.LH2 BRACKET

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P ₀ PSFA	Q PSF	TO DEG R
8	2.989	5.010	1.990	2453.	67.87	424.6	239.6

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P0	CP(1)	CP(SI)	CP(SI)
8	329.00	.44700	491.00	306.8	.4.520	.1250	.5627	-.056
8	329.00	.54600	495.00	154.1	2.270	.6280-01	.2030	-.416
8	329.00	.93700	499.00	207.2	3.052	.8440-01	.3281	-.291

PARAMETRIC DATA

DATE 01 OCT 80

IH1 INTEGRATED VEHICLE PRESSURE DATA
IH1. MODEL 84-OTS, E.T. LH2 BRACKET
E.T. LH2 BRACKET

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(RGIE02)

PARAMETRIC DATA

BETA = .0000

•••TEST CONDITIONS•••

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	P0 PSFA	P PSFA	Q PSF	TO DEG R
8	2.989	.1397-01	1.988	2451.	67.81	424.2	239.6

•••TEST DATA•••

RUN NUMBER	THETA X/LREF	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CPI/SI
8	329.00	.44700	491.00	177.4	2.616	.7240-01	.2584	-5.360
8	329.00	.54600	495.00	187.2	2.760	.7640-01	.2814	-5.337
8	329.00	.93700	499.00	222.6	3.283	.9080-01	.3650	-5.254

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-OTS. E.T. LH2 BRACKET
E.T., LH2 BRACKET

PAGE 1396
(RGIE02)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P ₀ PSF A	Q PSF	TO DEG R
8	2.989	-5.000	1.985	2448.	67.75	423.7	239.7

TEST DATA

RUN NUMBER	THETA X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CP(S1)
8	329.00	.44700	491.00	183.1	2.703	.7480-01	.2722	.5346
8	329.00	.54600	495.00	275.7	4.069	.1126	.4906	-.5090-01
8	329.00	.93700	499.00	254.2	3.753	.1038	.4401	-.9570-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-OTS. E.T. LH2 BRACKET
E.T..LH2 BRACKET

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁻⁶	PO PSFA	P PSFA	Q PSF	TO DEG R
5	3.511	5.008	1.812	3479.	44.93	387.6	213.4

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CPI/SI
5	329.00	.44700	491.00	117.8	2.621	.3390-01	.1879	-8.671	-.2170-01
5	329.00	.54600	495.00	131.0	2.915	.3770-01	.2220	-8.637	-.2570-01
5	329.00	.93700	499.00	155.4	3.458	.4470-01	.2849	-6.574	-.3320-01

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(RGIE02)

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-015. E.T. LH2 BRACKET

E.T. LH2 BRACKET

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(RG1E02)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT FT X10 ⁶	PO PSFA	P PSFA	Q PSF	T0 DEG R
5	3.510	.1597-01	1.807	3478.	44.93	387.6	213.8

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P0	P1/F0	CP(1)	CP(S1)	CP(S1)	CPI/S1
5	329.00	.44700	491.00	98.78	2.198	.2840-01	.1389	-8.719	-1.1590-01	
5	329.00	.54600	495.00	152.7	3.399	.4390-01	.2781	-8.580	-3.3240-01	
5	329.00	.93700	499.00	145.2	3.231	.4170-01	.2587	-6.599	-.3010-01	

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

E.T., LH2 BRACKET

IH11. MODEL 84-0TS. E.T. LH2 BRACKET

E.T., LH2 BRACKET

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSF A	P PSF A	Q PSF	T0 DEG R
5	3.510	-4.962	1.807	3478.	44.94	387.6	213.8

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P1/P PSF A	P1/F0	CP(1)	CP(S1)	CP(S1)
5	329.00	.44700	451.00	128.7	2.864	.3700-01	.2161	-0.642
5	329.00	.54600	495.00	256.8	5.715	.7380-01	.5466	-8.311
5	329.00	.93700	499.00	204.6	4.554	.5880-01	.4120	-6.446

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(RGIE02)

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-OTS. E.T. LH2 BRACKET

E.T. .LH2 BRACKET

PAGE 1400
(RGIE03)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
1	2.495	-4.988	2.191	1946.	114.8	500.2	285.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁ PSF A	P ₁ /P	P ₁ /P ₀	CP(1)	CP(SI)	CP1/SI
1	329.00	.44700	491.00	282.4	2.460	.1451	.3350	-3.326	-.1007
1	329.00	.54600	495.00	260.3	2.267	.1338	.2909	-3.370	-.8630-01
1	329.00	.93700	499.00	443.6	3.864	.2280	.6574	-3.003	-.2189

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL B4-OTS, E.T. LH2 BRACKET
E.T., LH2 BRACKET

PAGE 1401
(RGIE03)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
1	2.494	-1193-01	X10 6 2.155	1945.	114.8	500.2	288.4

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/P0	CP(I)	CP(SI)	CP1/SI
1	329.00	.44700	491.00	258.4	2.250	.1328	.2870	-3.372	-.8510-01
1	329.00	.54600	495.00	256.4	2.232	.1338	.2829	-3.376	-.8380-01
1	329.00	.93700	499.00	364.5	3.174	.1874	.4992	-3.160	-.1580

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-OTS. E.T. LH2 BRACKET

E.T. LH2 BRACKET

PAGE 1402
(RGIE03)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
1	2.495	5.028	X10.6 2.160	1946.	114.9	500.4	287.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P11 PSFA	P1/P	P1/F0	CP(11)	CP(51)	CP(11)
1	329.00	.44700	491.00	273.7	2.382	.1406	.3173	-3.342	.9490-01
1	329.00	.54600	495.00	251.7	2.191	.1294	.2735	-3.386	.8080-01
1	329.00	.93700	499.00	311.0	2.708	.1598	.3920	-3.268	-.1200

ORIGINAL FROM
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DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-0TS, E.T. LH2 BRACKET

E.T., LH2 BRACKET

PAGE 1403
(RGIE03)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P ₀ PSFA	P ₀ PSFA	0 ₀ PSF	T ₀ DEG R
7	2.990	-4.961	2.024	2451.	67.74	423.9	236.4

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP(S1)
7	329.00	.44700	491.00	180.8	2.668	.7370-01	.2666	-.356	-.9980-01
7	329.00	.54600	495.00	193.7	2.859	.7900-01	.2971	-.325	-.5580-01
7	329.00	.93700	499.00	327.7	4.837	.1337	.6132	-.009	-.1224

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(RGIE03)

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-OTS, E.T. LH2 BRACKET

E.T..LH2 BRACKET

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁻⁶	P ₀ PSFA	P PSFA	Q PSF	T ₀ DEG R
7	2.390	.3186-01	2.017	2453.	67.60	424.2	237.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P ₁ /P	P ₁ /P ₀	CP(I)	CP(SI)	CP1/SI
7	329.00	.44700	491.00	157.7	2.326	.6430-01	.2119	-.5410	-.3920-01
7	329.00	.54600	495.00	186.7	2.754	.7610-01	.2802	-.5341	-.5250-01
7	329.00	.93700	439.00	279.7	4.125	.1140	.4994	-.5122	-.9750-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-OTS. E.T. LH2 BRACKET
E.T..LH2 BRACKET

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(RGIE03)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P ₀ PSFA	Q PSF	T ₀ DEG R
7	2.989	4.993	1.997	2452.	67.81	424.2	238.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	F(1) PSFA	P ₁ /P	P ₁ /FO	CP(1)	CP(SI)	CP(SI)
7	329.00	.44700	491.00	144.6	2.132	.5900-01	.810	-5.439	.3330-01
7	329.00	.54600	495.00	164.6	2.427	.6710-01	.2281	-5.392	-.4230-01
7	329.00	.93700	499.00	263.7	3.889	.1076	.4618	-5.158	-.8950-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-OTS. E.T. LH2 BRACKET

E.T. LH2 BRACKET

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(RGIE03)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
7	2.989	.984	1.997	2452.	67.83	424.3	238.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSF A	P/I/P	P/I/FO	CP(I)	CP(SI)	CP(SII)
7	329.00	.44700	491.00	145.7	2.149	.5940-0	.1836	-.436	-.3380-0
7	329.00	.54600	495.00	165.5	2.441	.6750-0	.2303	-.5.389	-.4270-0
7	329.00	.93700	499.00	261.8	3.859	.1067	.4571	-.5.163	-.8850-0

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-01S. E.T. LH2 BRACKET
E.T. LH2 BRACKET

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(RGIE03)

E.T. LH2 BRACKET

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
4	3.511	-4.970	X10.6 1.813	3478.	44.91	387.5	213.2

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP(S1)
4	3629.00	.44700	491.00	135.1	3.007	.3880-01	.2327	-8.627	-.2700-01
4	329.00	.54600	495.00	175.4	3.905	.5040-01	.3367	-8.523	-.3950-01
4	329.00	.93700	499.00	268.4	5.977	.7720-01	.5769	-6.283	-.6970-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, E.1. LH2 BRACKET

E.T.LH2 BRACKET

PAGE 1408
(RGIE03)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P ₀ PSFA	P PSFA	Q PSF	T ₀ DEG R
4	3.511	-1.970-02	1.808	3479.	44.94	387.7	213.7

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P0	CP(1)	CP(S1)	CP(S1)
4	329.00	.44700	491.00	97.88	2.178	.2810-01	.1366	-8.722
4	329.00	.54600	495.00	166.9	3.714	.4800-01	.3147	-8.543
4	329.00	.93700	499.00	204.3	4.547	.5870-01	.4112	-8.447

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IHI1. MODEL 84-OTS. E.T. LH2 BRACKET
E.T. LH2 BRACKET

PAGE 1409
(RG1E03)

PARAMETRIC DATA

BETA = 5.000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	TO DEG R
4	3.510	5.002	X10 6 1.807	3478.	44.92	387.6	213.7

TEST CONDITIONS							
RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P(I)/FO	CP(I)	CP(SI)

TEST DATA							
4	329.00	.44700	491.00	98.16	2.185	.2820-01	.173
4	329.00	.54600	495.00	121.8	2.711	.3500-01	.184
4	329.00	.93700	499.00	152.6	3.396	.4390-01	.2778

-1570-01
-.2290-01
-.3220-01

-8.721
-8.660
-8.580

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-OTS. E.T. LH2 BRACKET

E.T. LH2 BRACKET

PAGE 1410
(RGIE04)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
10	2.495	4.998	2.162	1949.	115.0	501.1	288.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P1/P	P1/F0	CP(1)	CP(S1)	CP(S1)
10	329.00	.44700	491.00	213.5	1.856	.1095	.1964	-3.463	-.5670-01
10	329.00	.54600	495.00	427.8	3.719	.2195	.6243	-3.035	-.2057
10	329.00	.93700	499.00	557.3	4.845	.2860	.8827	-.2.777	-.3179

DATE 01 OCT 80

IH1 INTEGRATED VEHICLE PRESSURE DATA
IH1. MODEL 84-OTS. E.T. LH2 BRACKET
E.T., LH2 BRACKET

PAGE 1411
(RGIE04)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
10	2.495	.1995-01	X10 6 2.168	1950.	115.1	501.2	287.6

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CP(SI)
10	329.00	.44700	491.00	369.0	3.163	.1867	.9965	-3.163	-.1570
10	329.00	.54600	495.00	458.7	3.986	.2353	.6856	-2.974	-.2305
10	329.00	.93700	499.00	554.2	4.816	.2843	.8760	-2.784	-.3147

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-OTS, E.T. LH2 BRACKET

E.T. LH2 BRACKET

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(RG1E04)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
10	2.495	-4.990	X10 ⁶ 2.166	1948.	115.0	501.0	287.7

TEST DATA

RUN NUMBER	THETA X/LREF	TAP NO	P1(P) PSFA	P1/F0	CP(1)	CP(SI)	CPI/SI
10	329.00	.44700	491.00	486.7	.232	.7419	-2.918
10	329.00	.54600	495.00	312.3	2.716	.1603	-3.266
10	329.00	.93700	499.00	519.6	4.518	.2667	-.2832

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-OTS. E.T. LH2 BRACKET

E.T..LH2 BRACKET

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(RGIE05)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSF A	P PSF A	Q PSF	TO DEG R
11	2.495	-5.014	X10 6 2.163	1948.	115.0	501.0	287.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P1/F0	CP(1)	CP(SI)	CP1/SI
11	329.00	.44700	491.00	401.4	3.490	.2060	.5716	-.088
11	329.00	.54600	495.00	346.1	3.009	.1776	.4613	-.1851
11	329.00	.93700	499.00	385.9	3.355	.1981	.5407	-.1442

-3.198

-3.119

-.1734

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-OTS, E.T. LH2 BRACKET

E.T., LH2 BRACKET

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(RG1E05)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
1:	2.495	.1198-01	2.166	1948.	115.0	500.8	287.5

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P ₁ /P	P ₁ /P ₀	CP(1)	CP(S1)	CP(S1)
11	329.00	.44700	491.00	385.6	3.354	.1980	.5404	-3.119	-1.1733
11	329.00	.54600	495.00	277.1	2.410	.1423	.3237	-3.336	-.9700-01
11	329.00	.93700	499.00	331.1	2.880	.1700	.4315	-3.228	-.1337

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DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-OTS. E.T. LH2 BRACKET

E.T., LH2 BRACKET

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(RGIE05)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁻⁶	PO PSFA	P PSFA	Q PSF	T0 DEG R
11	2.495	4.990	2.165	1949.	115.0	501.0	287.8

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CP(SI)	CPI/SI
11	329.00	.44700	491.00	355.8	3.093	.1826	.4805	-3.179	-1511	
11	329.00	.54600	495.00	239.9	2.086	.1231	.2493	-3.410	-7310-01	
11	329.00	.93700	499.00	291.6	2.535	.1497	.3525	-3.307	-1066	

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-OTS, E.T. LH2 BRACKET

E.T. LH2 BRACKET

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(RGIE06)

PARAMETRIC DATA

BETA = 5.000

•••TEST CONDITIONS•••

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P ₀ PSFA	P PSFA	Q PSF	T ₀ DEG R
12	2.495	5.022	2.166	1948.	115.0	501.0	287.7

•••TEST DATA•••

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P ₁ /P ₀	CP(1)	CP(SI)	CP(SI)
12	329.00	.44700	491.00	275.8	2.398	.1416	.3210	-3.339
12	329.00	.54600	495.00	250.9	2.181	.1288	.2712	-3.389
12	329.00	.93700	499.00	308.5	2.683	.1583	.3863	-3.273

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IHI1. MODEL 84-OTS. E.T. LH2 BRACKET
E.T. LH2 BRACKET

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(RGIE06)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	PO PSF A	P PSF A	Q PSF	TO DEG R
12	2.495	.3590-01	2.163	1947.	114.9	500.7	287.8

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P1/P	P1/PO	CP(1)	CP(SI)	CP(SI)	CP(SI)
12	329.00	.44700	491.00	255.9	2.226	.1314	.2816	-3.378	-.8330-01	
12	329.00	.54600	495.00	255.7	2.225	.1313	.2812	-3.379	-.8320-01	
12	329.00	.93700	499.00	361.3	3.143	.1855	.4920	-3.168	-.1553	

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII, MODEL 84-OTS. E.T. LH2 BRACKET

E.T..LH2 BRACKET

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P ₀ PSF A	T ₀ DEG R
12	2.495	-4.990	2.164	1947.	114.9	500.7

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(SI)	CP(SI)	CPI/SI
12	329.00	.44700	491.00	283.0	2.462	.1453	.3756	-3.324	.1010	
12	329.00	.54600	495.00	262.0	2.279	.1345	.2936	-3.366	-.8720-01	
12	329.00	.93700	499.00	429.5	3.736	.2205	.6282	-3.032	-.2072	

DATE 01 OCT 80

IHI INTEGRATED VEHICLE PRESSURE DATA

E.T. LH2 BRACKET
E.T. LH2 BRACKET

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(RGIE07)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RNV/FT $\times 10^6$	PO PSF A	P PSF A	Q PSF	T0 DEG R
21	2.495	-4.975	2.159	1948.	115.0	500.9	288.3

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(L) PSF A	P1/P	P1/F0	CP(1)	CP(SI)	CPI(SI)
21	329.00	.44700	491.00	284.4	2.473	.1460	.3381	-.3.321	-.1018
21	329.00	.54600	495.00	519.6	4.518	.2667	.8078	-.2.852	-.2833
21	329.00	.93700	499.00	420.4	3.655	.2158	.6096	-.3.050	-.1999

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-01. E.T. LH2 BRACKET

E.T..LH2 BRACKET

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(RGIE07)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
21	2.495	.9988-02	X10.6 2.160	1948.	115.0	500.9	288.2

TEST DATA

RUN NUMBER	THETA X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP(S1)
21	329.00	.44700	491.00	196.6	1.710	1009	.1630	-3.496
21	329.00	.54600	495.00	398.1	3.462	.2044	.5652	-.4660-01
21	329.00	.93700	499.00	433.9	3.773	.2228	.6368	-3.094

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-01. E.T. LH2 BRACKET
E.T., LH2 BRACKET

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(RGIE07)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
21	2.495	4.971	X10 6 2.162	1949.	115.0	501.1	288.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CPI/SI
21	329.00	.44700	491.00	147.4	1.282	.7570-01	.6470-01	-3.595	-.1800-01
21	329.00	.54600	495.00	525.0	4.564	.2694	.8183	-2.841	-.2880
21	329.00	.93700	499.00	574.1	4.991	.2946	.9162	-.2.743	-.3340

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-01. E.T. LH2 BRACKET

E.T. LH2 BRACKET

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(RG1E07)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
16	2.989	5.018	1.975	2455.	67.94	424.9	241.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P ₁ /P	P ₁ /FO	CP(1)	CP(SI)	CP(SI)
16	329.00	.44700	491.00	81.52	1.200	.3320-01	.3200-01	-5.586	-.5700-02
16	329.00	.54600	495.00	352.4	5.187	.1436	.6695	-4.948	-.1353
16	329.00	.93700	499.00	368.4	5.422	.1501	.7071	-4.910	-.1440

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-0T, E.T. LH2 BRACKET

E.T., LH2 BRACKET

PAGE 1423
(RGIE07)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	PO PSFA	P PSFA	Q PSF	T ₀ DEG R
16	2.989	.1597-01	1.971	2451.	67.85	424.3	241.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CPI/SI
16	329.00	.44700	491.00	103.3	1.523	4210-01	.8360-01	-5.534	.1510-01
16	329.00	.54600	495.00	407.8	6.010	.1664	.8011	-4.816	.1663
16	329.00	.93700	499.00	322.7	4.756	.1316	.6007	-5.017	.1197

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-01. E.T. LH2 BRACKET

E.T..LH2 BRACKET

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(RGIE07)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P ₀ PSF A	P _{SF A}	Q PSF	T ₀ DEG R
16	2.989	-5.000	1.979	2455.	67.94	424.9	240.6

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁₁ PSF A	P _{1/P}	P _{1/F0}	CP(1)	CP(SI)	CP1/SI
16	329.00	.44700	491.00	146.1	2.150	.5950-01	.1838	-5.434	.3380-01
16	329.00	.54600	495.00	430.9	6.342	.1755	.8542	-4.764	.1793
16	329.00	.93700	499.00	275.6	4.056	.1122	.4886	-5.129	.9530-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-01. E.T. LH2 BRACKET

E.T. LH2 BRACKET

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSF A	P PSF A	Q PSF	TO DEG R
15	3.511	-5.022	1.828	3478.	44.88	387.3	211.9

TEST DATA

RUN NUMBER	THETA X/LREF	TAP NO	P(I) PSF A	P/I/P	P/I/FO	CP(I)	CP(SI)	CP(SI)
15	329.00	44700	491.00	106.2	2.367	.3050-01	.1584	-8.705
15	329.00	54600	495.00	377.7	8.416	.1086	.8594	-8.004
15	329.00	93700	499.00	231.7	5.162	.6660-01	.4822	-8.381

PARAMETRIC DATA

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-01, E.T. LH2 BRACKET

E.T., LH2 BRACKET

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(RGIE07)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
15	3.511	.2394-01	1.827	3481.	44.92	387.7	212.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CPI(I)	CP(SI)	CPI/SI
15	329.00	.44700	491.00	72.75	1.620	.2090-01	.7187-01	-8.792	-.8200-02
15	329.00	.54600	495.00	332.2	7.396	.9540-01	.7411	-8.122	-.9120-01
15	329.00	.93700	499.00	234.5	5.220	.6740-01	.4890	-6.374	-.5840-01

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DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-01, E.T. LH2 BRACKET

E.T. LH2 BRACKET

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(RGIE07)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	TO DEG R
15	3.511	4.983	1.827	3478.	44.88	387.3	212.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP(S1)
15	329.00	.44700	491.00	58.06	1.294	.1670-01	.3400-01	-8.829	-3900-02
15	329.00	.54600	495.00	260.5	5.805	.7490-01	.5568	-8.307	-6700-01
15	329.00	.93700	499.00	252.2	5.620	.7250-01	.5353	-6.328	-6430-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-01, E.T. LH2 BRACKET

E.T. LH2 BRACKET

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(RGIE08)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
20	2.495	4.967	2.165	1950.	115.1	501.4	287.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁ PSF A	P _{1/P}	P _{1/F0}	CP(1)	CP(SI)	CP(SI)
20	329.00	.44700	491.00	149.0	1.294	.7640-01	.6760-01	-3.592	-.1880-01
20	329.00	.54600	495.00	354.0	3.076	.1816	.4766	-3.183	-.1497
20	329.00	.93700	499.00	351.1	3.050	.1801	.4707	-3.189	-.1476

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

E.T. LH2 BRACKET

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(RGIE08)

PARAMETRIC DATA

BETA = .0000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
20	2.495	.7995-02	2.161	1949.	115.0	501.0	288.2

TEST CONDITIONS

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P/I/P	P/I/F0	CP(I)	CP(SI)	CP1/SI
20	329.00	.44700	491.00	207.3	1.802	1064	.1842	-3.475	-.5300-01
20	329.00	.54600	495.00	446.0	3.877	.2289	.6605	-2.999	-.2203
20	329.00	.93700	499.00	340.2	2.957	.1746	.4493	-3.210	-.1400

TEST DATA

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII, MODEL 84-01. E.T. LH2 BRACKET

E.T. LH2 BRACKET

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(RGIE08)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P ₀ PSFA	Q PSF	TO DEG R
20	2.495	-4.953	2.163	1949.	115.1	501.2	289.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁ PSFA	P ₁ /P	P ₁ /FO	CP(1)	CP(SI)	CP(SI)	CP(SI)
20	329.00	.44700	491.00	306.0	2.659	.1570	.3809	-3.279	-.1162	
20	329.00	.54600	495.00	386.2	3.356	.1981	.5409	-3.119	-.1734	
20	329.00	.93700	499.00	329.9	2.867	.1692	.4286	-3.231	-.1326	

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IHI INTEGRATED VEHICLE PRESSURE DATA

E.T., LH2 BRACKET

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(RGIE08)

E.T., LH2 BRACKET

BETA * .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
17	2.989	-5.010	1.982	2455.	67.94	425.0	240.5

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP(S1)
17	329.00	.44700	491.00	183.4	2.699	.7470-01	.2717	-5.346	-.5080-01
17	329.00	.54600	495.00	201.4	2.964	.8200-01	.3140	-5.304	-.5920-01
17	329.00	.93700	499.00	196.2	2.887	.7990-01	.3018	-5.317	-.5680-01

DATE 01 OCT 80

IH1 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-01. E.T. LH2 BRACKET

E.T., LH2 BRACKET

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(RGIE08)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	PO PSFA	P PSFA	θ PSF	TO DEG R
17	2.989	-.3186-01	1.983	2455.	67.94	425.0	240.3

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)- CP(S1)	CP(1) CP(S1)
17	329.00	.44700	491.00	117.2	1.725	.4770-01	.1159	-5.502
17	329.00	.54600	495.00	306.0	4.504	.1246	.5602	-.2110-01
17	329.00	.93700	499.00	197.2	2.902	.8030-01	.3041	-.5.058 -.1108 -.5.314 -.5720-01

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DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-01. E.T. LH2 BRACKET

E.T. LH2 BRACKET

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(RGIE08)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
17	2.989	4.975	X10 6 1.985	2456.	67.95	425.0	240.2

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(SI)	CP(SI)
17	329.00	.44700	491.00	79.20	1.166	.3220-01	.2650-01	-5.592	-.4700-02
17	329.00	.54600	495.00	265.3	3.904	.1080	.4643	-5.154	-.9010-01
17	329.00	.93700	499.00	241.0	3.547	.9810-01	.4072	-5.211	-.7810-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-01, E.T. LH2 BRACKET

E.T., LH2 BRACKET

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	TO DEG R
14	3.512	5.022	1.839	3479.	44.87	387.3	211.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P11 PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP1/S1
14	329.00	.44700	491.00	50.92	1.135	.1460-01	.1560-01	-8.851	-.1800-02
14	329.00	.54600	495.00	214.9	.4789	.6180-01	.4389	-8.428	-.5210-01
14	329.00	.93700	499.00	164.9	3.676	.4740-01	.3100	-8.557	-.3620-01

DATE 01 OCT 80

IHI I INTEGRATED VEHICLE PRESSURE DATA

E.T., LH2 BRACKET
IHI I. MODEL 84-0T. E.T. LH2 BRACKET

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(RGIE08)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSF A	P PSF A	Q PSF	T0 DEG R
14	3.512	.2394-01	1.837	3477.	44.84	387.1	211.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(L) PSF A	P1/P	P1/F0	CP(I)	CP(SI)	CPI/SI
14	329.00	.44700	491.00	84.53	1.885	.2430-01	.1025	-8.763	-.1170-01
14	329.00	.54600	495.00	180.8	4.031	.5200-01	.3512	-8.515	-.4120-01
14	329.00	.93700	499.00	145.7	3.249	.4190-01	.2606	-6.605	-.3030-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-01. E.T. LH2 BRACKET

E.T., LH2 BRACKET

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	TO DEG R
14	3.511	-4.983	X10 6 1.831	3478.	44.87	387.3	211.6

TEST DATA

RUN NUMBER	THETA X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP1/S1
14	329.00	.44700	491.00	132.1	2.943	.3800-01	.2252	.8.639
14	329.00	.54500	495.00	175.9	3.919	.5060-01	.3383	-.2610-01
14	329.00	.93700	499.00	161.7	3.604	.4650-01	.3017	-.3970-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-0T. E.T. LH2 BRACKET

E.T. LH2 BRACKET

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(RGIE09)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P ₀ PSFA	P PSFA	Q PSF	TO DEG R
19	2.495	-4.996	2.164	1950.	115.1	501.4	288.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP(S1)
19	329.00	.44700	491.00	276.8	2.404	.1419	.3224	-3.337	.9660-01
19	329.00	.54600	495.00	233.4	2.028	.1197	.2360	-3.424	.6890-01
19	329.00	.93700	499.00	322.1	2.799	.1652	.4129	-3.247	.1272

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-01. E.T. LH2 BRACKET

E.T., LH2 BRACKET

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P PSF	TO DEG R
19	2.495	.1397-01	2.163	1950.	115.1	501.3

TEST DATA

RUN NUMBER	THETA X/LREF	TAP NO	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(SI)	CPI/SI
19	329.00	44700	491.00	240.5	2.090	.1234	.2502	-3.409
19	329.00	54600	495.00	240.6	2.090	.1234	.2503	-3.409
19	329.00	493700	499.00	362.3	3.148	.1858	.4931	-3.167

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL B4-01, E.T. LH2 BRACKET

E.T. LH2 BRACKET

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(RGIE09)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	PO PSFA	P PSFA	Q PSF	TO DEG R
19	2.495	4.993	2.164	1950.	115.1	501.5	288.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(I)	CP(SI)	CP(SI)
19	329.00	.44700	491.00	208.6	1.812	.1070	.1864	-3.473	-.5370-01
19	329.00	.54600	495.00	218.8	1.900	.1122	.2067	-3.453	-.5990-01
19	329.00	.93700	499.00	436.4	3.791	.2238	.6406	-3.019	-.2122

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-01. E.T. LH2 BRACKET

E.T., LH2 BRACKET

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(RGIE9)

PARAMETRIC DATA

BETA = 5.000

*** TEST CONDITIONS ***

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	P0 PSFA	P PSFA	Q PSF	T0 DEG R
18	2.989	4.979	1.992	2456.	67.95	425.0	240.5

*** TEST DATA ***

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CP(SI)
18	329.00	.44700	491.00	122.1	1.797	.4970-01	.1275	-5.491	-.2320-01
18	329.00	.54600	495.00	158.5	2.333	.6460-01	.2132	-5.405	-.3940-01
18	329.00	.93700	499.00	300.9	4.429	.1225	.5482	-5.070	-.1081

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-01. E.T. LH2 BRACKET

E.T. LH2 BRACKET

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(RGIE09)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	PSF	TO DEG R
18	2.989	.1597-01	1.981	2452.	67.85	424.3	240.2

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P/I/P	P/I/P0	CP(I)	CP(SI)	CP(SI)
18	329.00	.44700	.491.00	155.7	2.295	.6350-01	.2071	-5.411	-.3830-01
18	329.00	.54600	.495.00	143.6	2.116	.5860-01	.1785	-5.440	-.3280-01
18	329.00	.93700	.499.00	263.6	3.886	.1075	.4614	-5.157	-.8950-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-01. E.T. LH2 BRACKET

E.T., LH2 BRACKET

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(RGIE09)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
18	2.989	-4.976	1.981	2452.	67.87	424.5	240.4

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP1/S1
18	329.00	.44700	491.00	200.2	2.950	.8160-01	.3118	-5.306	-.5880-01
18	329.00	.54600	495.00	147.5	2.173	.6010-01	.1876	-5.430	-.3450-01
18	329.00	.93700	499.00	207.8	3.061	.8470-01	.3296	-5.289	-.6230-01

DATE 01 OCT 80

IH1. INTEGRATED VEHICLE PRESSURE DATA
IH1. MODEL 84-01. E.T. LH2 BRACKET

E.T. LH2 BRACKET

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(RGIE09)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
13	3.512	-4.970	1.850	3483.	44.90	387.6	210.2

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁ PSF A	P ₁ /P	P ₁ /F0	CP(1)	CP(SI)	CP1/SI
13	329.00	.44700	491.00	153.7	3.423	.4410-01	.2807	-.589	-.3270-01
13	329.00	.54600	495.00	111.8	2.489	.3210-01	.1725	-.697	-.1980-01
13	329.00	.93700	499.00	216.6	4.824	.6220-01	.4429	-.427	-.5260-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-01, E.T. LH2 BRACKET

E.T. LH2 BRACKET

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(RGIE09)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	PO PSFA	P PSFA	Q PSF	TO DEG R
13	3.512	.6002-02	1.844	3477.	44.84	387.0	210.5

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P/I/P	P/I/FO	CPI(I)	CPI(SI)	CPI/SI
13	329.00	.44700	491.00	111.4	2.484	.3200-01	.1719	-8.696	-.1980-01
13	329.00	.54600	495.00	102.6	2.287	.2950-01	.1491	-8.719	-.1710-01
13	329.00	.93700	499.00	228.2	5.089	.6560-01	.4736	-6.394	-.5640-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-01, E.T. LH2 BRACKET
E.T.-LH2 BRACKET

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(RGIE09)

PARAMETRIC DATA

BETA = 5.000

RUN NUMBER	MACH	ALPHA DEG.	***TEST CONDITIONS***			
			RN/FT /FT	P0 PSFA	P PSFA	Q PSF
13	3.512	5.006	1.844	3480.	44.87	387.4
						210.6

RUN NUMBER	THETA	X/LREF	TAP NO	***TEST DATA***			
				P(I) PSFA	P1/P	P1/F0	CP(I)
13	329.00	.44700	491.00	87.97	1.960	.2530-01	.1113
13	329.00	.54600	495.00	97.59	2.175	.2800-01	.1361
13	329.00	.93700	499.00	224.7	5.008	.6460-01	.4643

RUN NUMBER	THETA	X/LREF	TAP NO	***TEST DATA***			
				P(I) PSFA	P1/P	P1/F0	CP(I)
13	329.00	.44700	491.00	87.97	1.960	.2530-01	.1113
13	329.00	.54600	495.00	97.59	2.175	.2800-01	.1361
13	329.00	.93700	499.00	224.7	5.008	.6460-01	.4643

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-T. E.T. LH2 BRACKET

E.T..LH2 BRACKET

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(RGIE13)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /F1 X10 ⁶	P _O PSFA	P _{SFA}	ρ _{SF}	T _O DEG R
48	2.495	-4.943	2.159	1950.	115.1	501.3	288.5

TEST DATA

RUN NUMBER	THEΤΑ	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CPI/SI
48	.329.00	.44700	491.00	273.4	2.375	.1402	.3157	.3344	.9440-01
48	.329.00	.54600	495.00	234.5	2.037	.1203	.2382	.421	.6960-01
48	.329.00	.93700	499.00	340.3	2.957	.1745	.4492	.210	-.1399

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DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-T. E.T. LH2 BRACKET

E.T. LH2 BRACKET

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(FIG 1E13)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
48	2.494	.5697-03	2.158	1950.	115.1	501.4	288.6

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP(SI)
48	329.00	.44700	491.00	216.3	1.879	.1110	.2019	-3.458	-5840-01
48	329.00	.54600	495.00	218.3	1.896	.1119	.2057	-3.454	-5960-01
48	329.00	.93700	499.00	201.9	1.754	.1036	.1732	-3.486	-4970-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-T. E.T. LH2 BRACKET

E.T. LH2 BRACKET

BETA = -5.000

PARAMETRIC DATA

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(RGIE13)

TEST CONDITIONS						
RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P0 PSFA	P PSFA	Q PSF
48	2.494	5.015	2.157	1950.	115.1	501.4
TEST DATA						
RUN NUMBER	THETA X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)
48	329.00 .44700	491.00	173.2	1.505	.8880-01	.1158
48	329.00 .54600	495.00	174.3	1.514	.8940-01	.1179
48	329.00 .93700	499.00	140.5	1.220	.7200-01	.5050-01

TEST CONDITIONS						
RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P0 PSFA	P PSFA	Q PSF
48	329.00 .44700	491.00	173.2	1.505	.8880-01	.1158
TEST DATA						
RUN NUMBER	THETA X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)
48	329.00 .54600	495.00	174.3	1.514	.8940-01	.1179
48	329.00 .93700	499.00	140.5	1.220	.7200-01	.5050-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-T. E.T. LH2 BRACKET
E.T. LH2 BRACKET

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PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS
RUN MACH ALPHA
NUMBER DEG.
RN/FT
X10 6
P0
PSFA
P
PSFA
Q
PSF
TO
DEG R
43 2.989 5.026 1.989 2463. 68.15 426.2 240.4

TEST DATA
RUN THETA X/LREF TAP NO P(I)
PSFA P1/P PI/FO CP(I) CP(SI) CPI/SI
43 329.00 .44700 491.00 107.9 1.583 .4380-01 .9320-01 5.526 .1690-01
43 329.00 .54600 495.00 104.6 1.536 .4250-01 .8560-01 -5.533 -.1550-01
43 329.00 .93700 499.00 93.24 1.368 .3790-01 .5890-01 -5.560 -.1060-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-T, E.T. LH2 BRACKET
(RGIE13)

E.T. LH2 BRACKET

PAGE 1450
(RGIE13)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	PO PSFA	P PSFA	Q PSF	TO DEG R
43	2.989	.8997-02	1.984	2458.	68.02	425.4	240.4

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP(S1)
43	329.00	.44700	491.00	141.5	2.081	.5760-01	.1728	-5.446	-.3170-01
43	329.00	.54600	495.00	140.6	2.067	.5720-01	.1706	-5.448	-.3130-01
43	329.00	.93700	499.00	153.2	2.252	.6230-01	.2002	-5.418	-.3700-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-T. E.T. LH2 BRACKET

E.T. LH2 BRACKET

PAGE 1451
(RGE13)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁻⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
43	2.989	-4.938	1.986	2460	68.06	425.7	240.3

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P ₁ /P	P ₁ /P ₀	CPI(I)	CP(SI)	CPI/SI
43	329.00	.4700	491.00	181.8	2.671	.7390-01	.2672	-5.351	-4990-01
43	329.00	.54600	495.00	144.9	2.130	.5890-01	.1806	-5.438	-.3320-01
43	329.00	.93700	499.00	221.7	3.258	.9010-01	.3610	-5.258	-.6870-01

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DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-T. E.T. LH2 BRACKET
(RIGE13)

E.T., LH2 BRACKET

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	TO DEG R
42	3.512	-4.935	1.845	3481.	44.89	387.5	210.5

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP1/S1
42	329.00	.44700	491.00	153.6	3.422	.4410-01	.2806	-8.588	-.3270-01
42	329.00	.54600	495.00	107.8	2.402	.3100-01	.1624	-8.706	-.1870-01
42	329.00	.93700	499.00	179.0	3.989	.5140-01	.3462	-8.522	-.4060-01

DATE 01 OCT 80

IHI I INTEGRATED VEHICLE PRESSURE DATA
IHI I. MODEL 84-T. E.T. LH2 BRACKET

E.T., LH2 BRACKET

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(RGIE13)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	PO PSFA	P PSFA	Q PSF	T0 DEG R
42	3.512	.6188-02	1.841	3480.	44.87	387.4	210.8

TEST DATA

RUN NUMBER	THETA X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CP1/SI
42	329.00	.44700	491.00	101.6	2.265	.2920-01	.1465	-.721
42	329.00	.54600	495.00	97.02	2.162	.2790-01	.1346	-.1680-01
42	329.00	.93700	499.00	129.3	2.880	.3710-01	.2178	-.733

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-T. E.T. LH2 BRACKET

E.T., LH2 BRACKET

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(RGIE13)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁻⁶	P ₀ PSF A	P ₀ PSF A	P ₀ PSF	DEG R
42	3.512	5.023	1.838	3479.	44.87	387.3	211.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FC	CP(1)	CP(SI)	CPI/SI
42	329.00	.44700	491.00	68.08	1.517	.1960-01	.5990-01	-8.806	.6800-02
42	329.00	.54600	495.00	72.24	1.610	.2080-01	.7060-01	-8.796	.8000-02
42	329.00	.93700	499.00	61.96	1.381	.1780-01	.4410-01	-6.822	.5000-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-T, E.T. LH2 BRACKET

E.T., LH2 BRACKET

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁻⁶	P0 PSF A	P PSF A	Q PSF	T0 DEG R
47	2.495	5.043	2.166	1952.	115.2	501.9	288.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSF A	P/I/P	P/I/F0	CP(I)	CP(SI)	CP(SII)
47	329.00	.44700	491.00	176.2	1.529	.9030-01	.1215	-3.538	-3430-01
47	329.00	.54600	495.00	157.4	1.366	.8060-01	.8410-01	-3.576	-2350-01
47	329.00	.93700	499.00	258.8	2.246	.1326	.2861	-3.374	-8480-01

PARAMETRIC DATA

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(RGIE14)

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-T. E.T. LH2 BRACKET
E.T. LH2 BRACKET

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(RGIE14)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P ₀ PSF	TO DEG R
47	2.495	-4.943	2.159	1950.	115.1	501.4
						288.5

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P1/P	P1/PO	CP(1)	CP(SI)	CP1/SI
47	329.00	.44700	491.00	253.9	2.205	.1302	.2767	-3.383	-.8180-01
47	329.00	.54600	495.00	297.7	2.586	.1527	.3642	-3.295	-.1105
47	329.00	.93700	499.00	425.8	3.699	.2183	.6195	-3.040	-.2038

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DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-T. E.T. LH2 BRACKET

E.T. LH2 BRACKET

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(RGIE14)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P PSFA	PSF	TO DEG R
44	2.989	-4.938	1.986	2457.	67.97	425.2	240.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁ PSFA	P ₁ /P	P ₁ /FO	CP(1)	CP(SI)	CPI/SI
44	329.00	.44700	491.00	162.7	2.393	.6620-01	.2228	-5.396	-.130-01
44	329.00	.54600	495.00	196.1	2.885	.7980-01	.3013	-5.317	-.5670-01
44	329.00	.93700	499.00	276.1	4.062	.1124	.4895	-5.129	-.9540-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-T. E.T. LH2 BRACKET

E.T..LH2 BRACKET

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(RGE14)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	PO PSFA	P PSFA	Q PSF	T ₀ DEG R
44	2.989	.3379-02	1.987	2455.	67.91	424.8	240.0

TEST DATA

RUN NUMBER	THETA X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CP1/SI
44	329.00	.44700	491.00	120.0	1.767	.4890-01	.1226	-5.496
44	329.00	.51600	495.00	117.6	1.731	.4790-01	.1169	-5.502
44	329.00	.93700	499.00	124.0	1.825	.5050-01	.1320	-5.487

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII, MODEL 84-T, E.T. LH2 BRACKET
E.T., LH2 BRACKET

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(RGIE14)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁻⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
44	2.989	5.026	1.986	2457.	67.98	425.2	240.2

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P1/P	P1/F0	CP(1)	CP(SI)	CPI/SI
44	329.00	.44700	431.00	105.6	1.554	.4300-01	.88850-01	-5.530	-.1600-01
44	329.00	.54600	495.00	99.51	1.464	.4050-01	.7420-01	-5.544	-.1340-01
44	329.00	.93700	499.00	165.6	2.436	.6740-01	.2296	-5.389	-.4-.50-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-T. E.T. LH2 BRACKET

E.T., LH2 BRACKET

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(RGIE14)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT. X10 ⁻⁶	PO PSFA	P PSFA	Q PSF	TO DEG R
41	3.512	5.040	1.859	3483.	44.88	387.6	209.4

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CP(SI)
41	329.00	.44700	491.00	75.99	1.693	.2180-01	.8030-01	-8.792	-9100-02
.41	329.00	.54600	495.00	70.84	1.578	.2030-01	.6700-01	-8.805	-.7600-02
41	329.00	.93700	499.00	97.01	2.161	.2780-01	.1345	-8.738	-.1540-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-T. E.T. LH2 BRACKET

E.T. .LH2 BRACKET

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(RGIE 14)

PARAMETRIC DATA

BETA * .0000

TEST CONDITIONS						
RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	PO PSFA	P PSFA	Q PSF
41	3.512	.1462-01	1.852	3480.	44.86	387.3

TEST DATA						
RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0
41	329.00	.44700	491.00	78.95	1.760	.2270-01
41	329.00	.54600	495.00	75.20	1.676	.2160-01
41	329.00	.93700	499.00	88.49	1.973	.2540-01
						.1127
						-.758
						-.1290-01

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DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-T, E.T. LH2 BRACKET

E.T., LH2 BRACKET

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(RGIE14)

E.T., LH2 BRACKET

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	P0 PSFA	P PSFA	Q PSF	T0 DEG R
41	3.512	-4.935	1.848	3480.	44.86	387.3	210.2

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P1(P) PSFA	P1/FC	CP(1)	CP(S1)	CP1/S1
41	329.00	.44700	491.00	124.1	2.767	.3570-01	.2047	-8.664
41	329.00	.54600	495.00	139.3	3.106	.4000-01	.2439	-8.625
41	329.00	.93700	499.00	207.4	.623	.5960-01	.4197	-.4970-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII, MODEL 84-T. E.T. LH2 BRACKET

E.T., LH2 BRACKET

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	P0 PSFA	P PSFA	Q PSF	TO DEG R
46	2.494	-4.949	2.157	1946.	114.9	500.4	288.3

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CPI/SI
46	329.00	.44700	491.00	204.5	1.780	.1051	.1792	-3.480	.5150-01
46	329.00	.54600	495.00	203.0	1.767	.1043	.1761	-3.483	.5060-01
46	329.00	.93700	499.00	283.7	2.470	.1458	.3374	-3.322	-.1016

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-T. E.T. LH2 BRACKET

E.T..LH2 BRACKET

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(RGIE 15)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P ₀ PSFA	P ₀ PSFA	TO DEG R
46	2.495	.8997-02	2.166	1952.	115.2	501.8
						288.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CP(SI)
46	329.00	.44700	491.00	173.6	1.507	.8890-01	.1163	-3.544	-.3280-01
46	329.00	.54600	495.00	163.1	1.416	.8360-01	.9560-01	-3.564	-.2680-01
46	329.00	.93700	499.00	272.0	2.361	.1393	.3124	-3.347	-.9330-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 64-T, E.T. LH2 BRACKET

E.T., LH2 BRACKET

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(RG/E15)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁻⁶	P0 PSF A	P PSF A	Q PSF	T0 DEG R
46	2.495	5.040	2.167	1952.	115.2	501.9	268.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/F0	CP(I)	CP(SI)	CP(SI)
46	329.00	.44700	491.00	127.8	1.109	.6550-01	.2510-01	-3.635	-6900-02
46	329.00	.54600	495.00	127.9	1.110	.6550-01	.2530-01	-3.634	-7000-02
46	329.00	.93700	499.00	323.6	2.808	.1658	.4151	-3.245	-1279

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-T. E.T. LH2 BRACKET

E.T. LH2 BRACKET

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(RGIE 15)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P0 PSFA	TO DEG R
46	2.495	.2585-01	X10 6 2.166	1953.	115.3	502.2 288.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP1/S1
46	329.00	.44700	491.00	194.7	1.689	.9970-01	.1581	-3.502	-.4510-01
46	329.00	.54600	495.00	190.8	1.655	.9770-01	.1503	-3.509	-.4280-01
46	329.00	.93700	499.00	214.7	1.862	.1099	.1979	-3.462	-.5720-01

DATE 01 OCT 80

IHI1 INTEGRATED VEHICLE PRESSURE DATA
IHI1. MODEL 84-T. E.T. LH2 BRACKET

E.T. LH2 BRACKET

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(RGIE15)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
45	2.989	5.023	X10 6 1.986	2456.	67.94	425.0	240.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P1(P) PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CP(S1)
45	329.00	.44700	491.00	74.98	1.104	.3050-01	.1660-01	-5.602	-.3000-02
45	329.00	.54600	495.00	71.63	1.054	.2920-01	.8700-02	-5.610	-.1500-02
45	329.00	.93700	499.00	200.1	2.945	.8150-01	.3109	-5.308	-.5860-01

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DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-T. E.T. LH2 BRACKET

E.T., LH2 BRACKET

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(RGIE15)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	TO DEG R
45	2.989	.1742-01	1.985	2454.	67.91	424.7	240.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P11 PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CP1/SI
45	329.00	.44700	491.00	106.4	1.567	.4340-01	.9070-01	-5.528	-.1640-01
45	329.00	.54600	495.00	99.02	1.458	.4030-01	.7330-01	-5.545	-.1320-01
45	329.00	.93700	499.00	164.7	2.425	.6710-01	.2279	-5.391	-.4230-01

DATE 01 OCT 80

IHI1 INTEGRATED VEHICLE PRESSURE DATA
IHI1. MODEL 84-T. E.T. LH2 BRACKET

E.T. LH2 BRACKET

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(RGIEIS)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS							
RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	TO DEG R
45	2.989	-4.952	1.987	2456.	67.94	425.0	240.0

TEST DATA							
RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/P0	CP(I)
45	329.00	.44700	491.00	127.6	1.878	.5200-01	.1404
45	329.00	.54600	495.00	127.2	1.873	.5180-01	.1395
45	329.00	.93700	499.00	178.9	2.633	.7290-01	.2611

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-T. E.T. LH2 BRACKET

E.T. LH2 BRACKET

PAGE 1470
(RGIE15)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	P0 PSFA	P PSFA	Q PSF	TO DEG R
40	3.513	-4.949	1.886	3481.	44.79	387.0	207.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(L) PSFA	P1/P	P1/F0	CP(L)	CP(SI)	CPI/SI
40	329.00	.44700	491.00	89.64	2.001	.2580-01	.1159	-8.764	-.1320-01
40	329.00	.54600	495.00	88.04	1.966	.2530-01	.1118	-8.768	-.1270-01
40	329.00	.93700	499.00	122.2	2.727	.3510-01	.1999	-6.680	-.2300-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-T, E.T. LH2 BRACKET

E.T. LH2 BRACKET

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(RGIE15)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
40	3.512	.6188-02	X10 6 1.864	3481.	44.85	387.3	208.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/F0	CP(I)	CP(SI)	CPI/SI
40	329.00	.44700	491.00	72.84	1.624	.2090-01	.7230-01	-8.801	-.8200-02
40	329.00	.54600	495.00	67.03	1.495	.1930-01	.5730-01	-8.816	-.6500-02
40	329.00	.93700	499.00	106.5	2.375	.3060-01	.1592	-6.714	-.1830-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-T. E.T. LH2 BRACKET

E.T..LH2 BRACKET

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(FIGUE 15)

PARAMETRIC DATA

BETA = 5.000

•••TEST CONDITIONS•••

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSF A	P PSF A	Q PSF	T0 DEG R
40	3.512	5.040	1.859	3483.	44.88	387.5	209.4

•••TEST DATA•••

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSF A	P(I/P)	P(I/F0)	CP(I)	CP(SI)	CP(SI)
40	329.00	.44700	491.00	51.12	1.139	.1470-01	.1610-01	-8.856	-.1800-02
40	329.00	.54600	495.00	46.80	1.043	.1340-01	.5000-02	-8.867	-.6000-03
40	329.00	.93700	499.00	135.4	3.017	.3890-01	.2335	-8.639	-.2700-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-OTS. E.T..LO2 FEEDLINE FRNG

E.T..LO2 FDLN FRNG

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(RG1F01)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
3	2.495	-5.000	2.160	1945.	114.8	500.1	287.8

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CPI/SI
3	23.067	.36500	529.00	362.6	3.159	.1865	.4956	-3.164	-.1566
3	23.067	.38000	531.00	124.0	1.081	.6350-01	.1850-01	-3.641	-.5100-02
3	23.067	.42900	536.00	174.1	1.516	.8950-01	.1186	-3.541	-.3350-01
3	23.067	.43300	537.00	175.0	1.525	.9000-01	.1205	-3.539	-.3400-01
3	23.067	.43400	538.00	180.2	1.570	.5270-01	.1309	-3.529	-.3710-01
3	26.367	.36500	528.00	235.1	2.048	.1209	.2406	-3.419	-.7040-01
3	26.367	.43400	539.00	201.0	1.751	.1033	.1723	-3.487	-.4940-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-OTS, E.T.-LO2 FEEDLINE FRNG
E.T.-LO2 FDLN FRNG

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(RGIF01)

E.T.-LO2 FDLN FRNG

PARAMETRIC DATA

BETA = -5.000

•••TEST CONDITIONS•••

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF _A	P ₀ PSF _A	θ ₀ DEG R
3	2.495	.4009-02	2.160	1946.	114.9	500.3

•••TEST DATA•••

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁ (I) PSF _A	P ₁ /P ₀	CP(I)	CP(SI)	CPI/SI
3	23.067	.36500	529.00	232.7	2.026	.1196	.2356	-3.424
3	23.067	.38000	531.00	137.8	1.199	.7080-01	.4580-01	-3.614
3	23.067	.42900	536.00	151.1	1.316	.7770-01	.7240-01	-3.587
3	23.067	.43300	537.00	152.1	1.324	.7920-01	.7450-01	-3.595
3	23.067	.43400	538.00	157.0	1.367	.8070-01	.8420-01	-3.575
3	26.367	.36500	528.00	178.5	1.554	.9180-01	.1273	-3.532
3	26.367	.43400	539.00	186.3	1.622	.9570-01	.1427	-3.517

288.0

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-OTS. E.T., LO2 FEEDLINE FRNG

E.T., LO2 FDLN FRNG

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PARAMETRIC DATA

BETA = -5.000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
3	2.495	5.016	X10 6 2.161	1946.	114.9	500.3	287.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CPI/SI
3	23.067	.36500	529.00	156.0	1.358	.8020-01	.8210-01	-3.577	-.2300-01
3	23.067	.38000	531.00	177.4	1.544	.9120-01	.1250	-3.535	-.3500-01
3	23.067	.42900	536.00	151.8	1.322	.7800-01	.7380-01	-3.586	-.2060-01
3	23.067	.43300	537.00	151.1	1.316	.7770-01	.7250-01	-3.587	-.2050-01
3	23.067	.43400	538.00	155.8	1.356	.6010-01	.8180-01	-3.578	-.2250-01
3	26.367	.36500	528.00	153.9	1.340	.7910-01	.7800-01	-3.581	-.2160-01
3	25.367	.43400	539.00	185.9	1.619	.9560-01	.1420	-3.518	-.4040-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-0TS, E.T.,LO2 FEEDLINE FRNG

E.T.,LO2 FDLN FRNG

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(RGJF01)

PARAMETRIC DATA

BETA * -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	PO PSFA	P PSFA	Q PSF	TO DEG R
9	2.989	5.010	1.966	2449.	67.80	424.0	241.5

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CPI/SI
9	23.067	.36500	529.00	92.02	1.357	.3760-01	.5710-01	-5.560	-.1030-01
9	23.067	.38000	531.00	100.8	1.486	.4110-01	.7780-01	-5.539	-.1400-01
9	23.067	.42900	536.00	94.65	1.396	.3860-01	.6330-01	-5.553	-.1140-01
9	23.067	.43300	537.00	97.13	1.433	.7970-01	.6920-01	-5.548	-.1250-01
9	23.067	.43400	538.00	97.72	1.441	.3990-01	.7060-01	-5.546	-.1270-01
9	26.367	.36500	528.00	86.66	1.278	.3540-01	.4450-01	-5.572	-.8000-02
9	26.367	.43400	539.00	111.6	1.647	.4560-01	.1034	-5.513	-.1880-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

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(RG1F01)

E.T..LO2 FDLN FRNG

IH11. MODEL 84-OTS, E.T..LO2 FEEDLINE FRNG

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	TO DEG R
9	2.989	-4.988	X10 6 1.987	2451.	67.80	429.1	239.6

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(L) PSFA	P1/P	P1/F0	CP(L)	CP(SI)	CPI/SI
9	23.067	.36500	529.00	264.3	3.898	.1079	.4634	-5.155	-.8990-01
9	23.067	.38000	531.00	78.06	1.151	.3190-01	.2420-01	-5.595	-.4300-02
9	23.067	.42900	536.00	110.6	1.632	.4510-01	.1010	-5.518	-.1830-01
9	23.067	.43300	537.00	114.1	1.682	.4650-01	.1091	-5.510	-.1980-01
9	23.067	.43400	538.00	119.3	1.760	.4870-01	.1215	-5.497	-.2210-01
9	26.367	.36500	528.00	145.1	2.140	.5920-01	.1823	-5.437	-.3350-01
9	26.367	.43400	539.00	182.9	2.697	.7460-01	.2713	-5.348	-.5070-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-OTS, E.T.,LO2 FEEDLINE FRNG

E.T.,LO2 FDLN FRNG

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(RG1F01)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P ₀ PSFA	TO DEG R
9	2.989	.1397-01	1.986	2449.	67.75	423.8
					239.6	

TEST DATA

RUN NUMBER	THETA	X/L REF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CPI/SI
9	23.067	.36500	529.00	195.0	2.879	.7960-01	.3004	-5.318	-.5650-01
9	23.067	.38000	531.00	71.91	1.061	.2940-01	.9800-02	-5.609	-.1800-02
9	23.067	.42900	536.00	98.26	1.450	.4010-01	.7200-01	-5.547	-.1300-01
9	23.067	.43300	537.00	99.03	1.462	.4040-01	.7380-01	-5.545	-.1330-01
9	23.067	.43400	538.00	101.5	1.498	.4140-01	.7960-01	-5.539	-.1440-01
9	26.367	.36500	528.00	108.1	1.536	.4420-01	.9520-01	-5.523	-.1720-01
9	26.367	.43400	539.00	114.2	1.686	.4660-01	.1096	-5.509	-.1990-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

E.T..L02 FDLN FRNG
E.T..L02 FDLN FRNG

IHII. MODEL 84-OTS, E.T..L02 FEEDLINE FRNG

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
9	2.989	4.983	1.986	2451.	67.82	424.2	239.8

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P/I/P	P/I/F0	CPI(I)	CPI(SI)	CPI/SI
9	23.067	.36500	529.00	93.06	1.372	.3800-01	.5950-01	-5.559	-1.1070-01
9	23.067	.38000	531.00	102.2	1.507	.4170-01	.8110-01	-5.538	-1.1460-01
9	23.067	.42900	535.00	94.20	1.389	.3890-01	.6220-01	-5.557	-1.1120-01
9	23.067	.43300	537.00	96.33	1.420	.7910-01	.6720-01	-5.552	-1.1210-01
9	23.067	.43400	538.00	97.69	1.441	.3930-01	.7030-01	-5.548	-1.1270-01
"	26.367	.36500	528.00	87.27	1.287	.3560-01	.4590-01	-5.573	-1.8200-02
"	26.367	.43400	539.00	111.0	1.636	.4520-01	.1017	-5.517	-1.1840-01

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IH1.1 INTEGRATED VEHICLE PRESSURE DATA

IH1.1. MODEL 84-OTS. E.T..LO2 FEEDLINE FRNG

E.T..LO2 FDLN FRNG

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(RG)F01

PARAMETRIC DATA

BETA = -5.000

••• TEST CONDITIONS •••

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	P0 PSFA	P PSFA	Q PSF	T0 DEG R
6	3.510	-4.970	1.808	3477.	44.92	387.5	213.7

••• TEST DATA •••

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/F0	CP(I)	CP(SI)	CPI/SI
6	23.067	.36500	529.00	217.9	4.851	.6270-01	.4464	-8.411	-.5310-01
6	23.067	.38000	531.00	64.45	1.435	.1850-01	.5040-01	-8.808	-.5700-02
6	23.067	.42900	536.00	94.06	2.094	.2700-01	.1268	-8.731	-.1450-01
6	23.067	.43300	537.00	94.91	2.113	.2730-01	.1290	-8.729	-.1480-01
6	23.067	.43400	538.00	98.41	2.191	.6830-01	.1380	-8.720	-.1580-01
6	26.367	.36500	528.00	101.5	2.260	.2920-01	.1461	-8.712	-.1680-01
6	26.367	.43400	539.00	155.3	3.457	.4470-01	.2848	-8.573	-.3320-01

C-5

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-OTS. E.T., L02 FEEDLINE FRNG
E.T., L02 FDLN FRNG

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(RGIF01)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	T0 DEG R
6	3.510	- .5379-01	1.804	3476.	44.91	387.4	213.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CPI(SI)
6	23.067	.36500	529.00	160.9	3.582	.4630-01	.2994	-8.559	-3500-01
6	23.067	.38000	531.00	57.68	1.284	.1660-01	.3290-01	-8.824	-3700-02
6	23.067	.42900	536.00	72.48	1.614	.2090-01	.7120-01	-8.796	-8100-02
6	23.067	.43300	537.00	72.74	1.620	.2090-01	.7180-01	-8.785	-8200-02
6	23.067	.43400	538.00	74.45	1.658	.2140-01	.7620-01	-8.781	-8700-02
6	26.367	.36500	528.00	79.55	1.771	.2290-01	.8940-01	-8.768	-1020-01
6	26.367	.43400	539.00	86.04	1.916	.2480-01	.1062	-8.751	-1210-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-OTS. E.T.-LO2 FEEDLINE FRNG

E.T.-LO2 FOLN FRNG

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(RGIF01)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	PO PSFA	P PSFA	Q PSF	T0 DEG R
6	3.510	5.024	1.804	3474.	44.89	387.2	213.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CP1/SI
6	23.067	.36500	529.00	68.40	1.524	1.970-01	.6070-01	-8.796	-.6900-02
6	23.067	.38000	531.00	67.79	1.510	1.950-01	.5910-01	-8.798	-.6700-02
6	23.067	.42900	536.00	63.01	1.404	1.810-01	.4680-01	-8.810	-.5300-02
6	23.067	.43300	537.00	63.10	1.406	1.820-01	.4700-01	-8.810	-.5300-02
6	23.067	.43400	538.00	63.61	1.417	1.830-01	.4830-01	-8.809	-.5500-02
6	26.367	.36500	528.00	61.30	1.366	1.760-01	.4240-01	-8.815	-.4800-02
6	26.367	.43400	539.00	71.03	1.582	.2040-01	.6750-01	-8.789	-.7700-02

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IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-OTS. E.T..LO2 FEEDLINE FRNG

E.T..LO2 FDLN FRNG

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(RG1F02)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	TO DEG R
2	2.495	5.028	X10 6 2.160	1945.	114.8	500.2	287.8

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CPI/SI
2	23.067	.36500	529.00	258.3	2.250	.1328	.2869	-3.373	-.8510-01
2	23.067	.38000	531.00	93.99	.8185	.4830-01	-.170-01	-3.701	.1130-01
2	23.067	.42900	536.00	192.3	1.675	.9890-01	.1549	-3.505	-.4420-01
2	23.067	.43300	537.00	210.3	1.832	.1081	.1909	-3.469	-.5500-01
2	23.067	.43400	538.00	230.6	2.009	.1186	.2315	-3.428	-.6750-01
2	26.367	.36500	528.00	248.8	2.167	.1279	.2679	-3.392	-.7900-01
2	26.367	.43400	539.00	205.3	1.788	.1055	.1809	-3.479	-.5200-01

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IHI1 INTEGRATED VEHICLE PRESSURE DATA

IHI1, MODEL B4-OTS. E.T.,LO2 FEEDLINE FRNG

E.T.,LO2 FDN FRNG

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(RGIF02)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁻⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
2	2.495	-2788.01	2.160	1946.	114.9	500.3	295.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP(S1)
2	23.067	.36500	529.00	284.4	2.476	.1462	.3389	-3.321	-.1020
2	23.067	.38000	531.00	104.7	.9116	.5380-01	.2030-01	-3.680	.5500-02
2	23.067	.42900	536.00	211.2	1.839	.1086	.1926	-3.467	.5550-01
2	23.067	.43300	537.00	214.8	1.870	.1104	.1997	-3.460	.5770-01
2	23.067	.43400	538.00	223.2	1.943	.1147	.2166	-3.443	.6290-01
2	26.367	.36500	528.00	287.1	2.500	.1476	.3444	-3.315	-.1039
2	26.367	.43400	539.00	233.4	2.032	.1199	.2369	-3.423	-.6920-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

E.T., L02 FDLN FRNG
E.T., L02 FEELINE FRNG

PARAMETRIC DATA

BETA = .0000

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(RGIF02)

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	PO PSFA	P PSFA	Q PSF	TO DEG R
2	2.495	-4.996	2.162	1946.	114.9	500.4	287.8

TEST CONDITIONS							
RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P/I/P	P/I/FO	CP(I)

TEST DATA							
2	23.067	.36500	529.00	266.5	2.320	.1370	.3031
2	23.067	.38000	531.00	118.3	1.030	.6080-01	-3.356
2	23.067	.42900	536.00	239.7	2.087	.1232	.6800-02
2	23.067	.43300	537.00	243.0	2.115	.1249	-3.653
2	23.067	.43400	538.00	259.8	2.262	.1335	.2495
2	26.367	.36500	528.00	289.5	2.520	.1487	.2560
2	26.367	.43400	539.00	270.6	2.355	.1390	-3.404

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-OTS, E.T.,LO2 FEEDLINE FRNG

E.T.,LO2 FOLN FRNG

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(RG1F02)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	P0 PSFA	P PSFA	Q PSF	TO DEG R
8	2.989	5.010	1.990	2453.	67.87	424.6	239.6

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CP(SI)
8	23.067	36500	529.00	195.2	2.875	.7950-01	.2998	-5.319	-.5640-01
8	23.067	38000	531.00	57.98	.8543	.2360-01	-.2330-01	-5.642	.4100-02
8	23.067	42900	536.00	114.1	1.681	.4650-01	.1088	-5.510	-.1980-01
8	23.067	43300	537.00	123.8	1.824	.5050-01	-.1317	-5.487	-.2400-01
8	23.067	43400	538.00	132.9	1.958	.5420-01	.1532	-5.466	-.2800-01
8	26.367	36500	528.00	134.6	1.983	.5480-01	.1571	-5.462	-.2880-01
8	26.367	43400	539.00	126.9	1.870	.5170-01	.1391	-5.480	-.2540-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

E.T..LO2 FDLN FRNG
E.T..LO2 FDLN FRNG

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(RG1F02)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
8	2.989	.1397-01	1.988	2451.	67.81	424.2	239.6

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P(I)/P0	CP(I)	CP(SI)	CP(SI)
8	23.067	.36500	529.00	205.1	3.025	.8370-01	.3238	-5.295
8	23.067	.38000	531.00	57.94	.8545	.2360-01	-.2330-01	-5.642
8	23.067	.42900	536.00	134.8	1.988	.5500-01	.1580	-.461
8	23.067	.43300	537.00	143.2	2.112	.5840-01	.1777	-.441
8	23.067	.43400	538.00	155.8	2.298	.6360-01	.2075	-.411
8	26.367	.36500	528.00	186.5	2.751	.7610-01	.2799	-.339
8	26.367	.43400	539.00	174.9	2.579	.7140-01	.2525	-.5240-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-OTS. E.T..L02 FEEDLINE FRNG

E.T..L02 FDLN FRNG

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(RGIF02)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P ₀ PSF	Q ₀ PSF	T ₀ DEG R
8	2.989	-5.000	1.985	2448.	67.75	423.7	239.7

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CP1/SI
8	.23.067	.36500	529.00	206.0	3.042	.8420-01	.3264	-5.292	-.6170-01
8	.23.067	.38000	531.00	65.57	.9679	.2680-01	-.5100-02	-5.624	.9000-03
8	.23.067	.42900	536.00	157.9	2.331	.6450-01	.2128	-5.406	-.3940-01
8	.23.067	.43300	537.00	192.7	2.845	.7870-01	.2950	-5.323	-.5540-01
8	.23.067	.43400	538.00	227.6	3.360	.5300-01	.3774	-5.241	-.7200-01
8	.26.367	.36500	528.00	160.1	2.363	.6540-01	.2180	-5.400	-.4040-01
8	.26.367	.43400	539.00	197.8	2.920	.8080-01	.3070	-5.312	-.5780-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

E.T., LO2 FDLN FRNG

IH11. MODEL 84-OTS, E.T., LO2 FEEDLINE FRNG

PAGE 1489
(RG/F02)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
5	3.511	5.008	1.812	3479.	44.93	387.6	213.4

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P0	CP(1)	CP(SI)	CPI/SI
5	23.067	.36500	529.00	154.7	3.442	.4450-01	.2831	-8.576
5	23.067	.38000	531.00	38.57	.8586	.1110-01	-.1610-01	-8.875
5	23.067	.42900	536.00	79.85	1.777	.2300-01	.9010-01	-6.769
5	23.067	.43300	537.00	86.42	1.924	.2480-01	.1070	-.1030-01
5	23.067	.43400	538.00	92.56	2.060	.2660-01	.1229	-8.752
5	26.367	.36500	528.00	90.00	2.003	.2590-01	.1163	-8.736
5	26.367	.43400	539.00	92.05	2.049	.2650-01	.1216	-8.737

-1390-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-075. E.T..LO2 FEEDLINE FRNG

E.T..LO2 FDLN FRNG

PAGE 1490
(RGF02)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	PO PSFA	P PSFA	Q PSF	T ₀ DEG R
5	3.510	.1597-01	1.807	3478.	44.93	387.6	213.8

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P PSFA	P1/FO	CP(1)	CP(SI)	CP/SI
5	23.067	.36500	529.00	178.7	3.976	.5140-01	.3450	-8.513	-.4050-01
5	23.067	.38000	531.00	40.72	.9062	.1170-01	-.1090-01	-8.668	.1200-02
5	23.067	.42900	536.00	114.5	2.548	.3290-01	.1795	-8.678	-.2070-01
5	23.067	.43300	537.00	132.5	2.949	.7810-01	.2260	-8.632	-.2620-01
5	23.067	.43400	538.00	145.8	3.245	.4190-01	.2603	-8.597	-.3030-01
5	26.367	.36500	528.00	155.3	3.456	.4470-01	.2848	-8.573	-.3320-01
5	26.367	.43400	539.00	146.9	3.270	.4220-01	.2672	-8.594	-.3060-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

E.T..LO2 FDLN FRNG

IHII. MODEL 84-0TS. E.T..LO2 FEEDLINE FRNG

E.T..LO2 FDLN FRNG

PARAMETRIC DATA

BETA = .00000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	P0 PSFA	P PSFA	Q PSF	T0 DEG R
5	3.510	-4.962	1.807	3478.	44.94	387.6	213.8

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P(I/P)	P(I/F0)	CP(I)	CP(SI)	CP(SI)
5	23.067	.36500	529.00	173.1	3.853	.4980-01	.3307	-8.527	-3860-01
5	23.067	.38000	531.00	49.24	1.096	.1420-01	.1110-01	-8.847	-.3300-02
5	23.067	.42900	536.00	139.0	3.093	.4000-01	.2427	-8.615	-.2860-01
5	23.067	.43300	537.00	16.5	3.593	.4640-01	.3006	-8.557	-.3500-01
5	23.067	.43400	538.00	184.9	4.115	.5320-01	.3611	-8.497	-.4260-01
5	26.367	.36500	528.00	126.3	2.811	.3630-01	.2100	-8.648	-.2410-01
5	26.367	.43400	539.00	174.2	3.876	.5010-01	.3334	-8.524	-.3900-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-OTS, E.I..LO2 FEEDLINE FRNG.

E.I..LO2 FDLN FRNG

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(RGIF03)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT 'FT X10 6	P0 PSFA	P PSFA	Q PSF	TO DEG R
1	2.495	-4.988	2.191	1946.	114.8	500.2	285.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P0	P1/F0	CP(1)	CP(SI)	CP(SI)
1	23.067	.36500	529.00	379.4	3.305	.1950	.5290	-3.132	-.1689
1	23.067	.36000	531.00	175.8	1.532	.9040-01	.1220	-3.539	-.3450-01
1	23.067	.42900	536.00	307.1	2.675	.1578	.3845	-3.276	-.1174
1	23.067	.43300	537.00	315.9	2.752	.1623	.4020	-3.259	-.1234
1	23.067	.43400	538.00	343.1	2.988	.1763	.4564	-3.204	-.1424
1	26.367	.36500	528.00	342.1	2.980	.1758	.4544	-3.206	-.1417
1	26.367	.43400	539.00	298.4	2.599	.1533	.3670	-3.294	-.1114

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

E.T., LO2 FDLN FRNG

IH11. MODEL 84-015, E.T., LO2 FEEDLINE FRNG
(RGIF03)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
1	2.494	-1193.01	X10.6 2.155	1945.	114.8	500.2	288.4

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CPI/SI
1	23.067	.36500	529.00	218.1	1.899	.1121	.2065	-3.453	.5980-01
1	23.067	.38000	531.00	181.2	1.578	.9320-01	.1328	-3.526	.3760-01
1	23.067	.42900	536.00	242.8	2.114	.1248	.2558	-3.403	.7520-01
1	23.067	.43310	537.00	269.5	2.347	.1385	.3092	-3.350	.9230-01
1	23.067	.43400	538.00	294.9	2.568	.1516	.3600	-3.299	.1091
1	26.367	.36500	528.00	315.2	2.745	.1621	.4006	-3.259	.1229
1	26.367	.43400	539.00	220.9	1.923	.1136	.2120	-3.447	.6150-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, E.T.-LO2 FEEDLINE FRNG

E.T.-LO2 FDLN FRNG

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(RGIF03)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
1	2.495	5.028	2.160	1946.	114.9	500.4	287.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CP1/SI
1	23.067	.36500	529.00	134.4	1.170	.6910-01	.3900-01	-3.621	-.1080-01
1	23.067	.38000	531.00	163.2	1.421	.8390-01	.9660-01	-3.563	-.2710-01
1	23.067	.42900	536.00	197.3	1.717	.1014	.1647	-3.495	-.4710-01
1	23.067	.43300	537.00	221.6	1.929	.1139	.2133	-3.446	-.6190-01
1	23.067	.43100	538.00	256.0	2.228	.1315	.2819	-3.378	-.8350-01
1	26.367	.36500	528.00	270.5	2.354	.1390	.3110	-3.349	-.9290-01
1	26.367	.43100	539.00	178.6	1.555	.9180-01	.1274	-3.532	-.3610-01

DATE 01 OCT 80

IHI1 INTEGRATED VEHICLE PRESSURE DATA

IHI1, MODEL 84-OTS, E.T..LO2 FEEDLINE FRNG

E.T..LO2 FOLN FRNG

PARAMETRIC DATA

BETA = 5.000

•••TEST CONDITIONS•••

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁻⁶	PO PSFA	P PSFA	Q PSF	TO DEG R
7	2.990	-4.961	2.024	2451.	67.74	423.9	236.4

•••TEST DATA•••

RUN NUMBER	THETA	X/L REF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CP(SI)
7	23.067	.36500	529.00	301.3	4.447	1.229	.5509	-5.072	-.1086
7	23.067	.38000	531.00	95.46	1.409	.3890-01	.6540-01	-5.557	-.1180-01
7	23.067	.42900	536.00	178.3	2.632	.72270-01	.2608	-5.362	-.4980-01
7	23.067	.43300	537.00	189.5	2.797	.7730-01	.2871	-5.335	-.5380-01
7	23.067	.43400	538.00	199.1	2.939	.8120-01	.3098	-5.313	-.5830-01
7	26.367	.36500	528.00	237.0	3.498	.9670-01	.3991	-5.223	-.7640-01
7	26.367	.43400	539.00	193.5	2.856	.7890-01	.2965	-5.326	-.5570-01

DATE 01 OCT 80

HILL INTEGRATED VEHICLE INTEGRATION DATA

THEI : MODEL 84-OTS. E.I.:102 FEEDLINE FNG

E.T. LO2 EDN FENG

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1831E031

DYNAMIC DATA

BEJA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT $\times 10^6$	P0 PSFA	P PSFA	Q PSF	T0 DEG R
7	2.990	-3186-01	2.017	2453.	67.80	424.2	237.1

MASTER DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CPI/SI
7	23.067	.36500	529.00	148.1	2.185	.6040-01	.1894	-5.432	-3.90-01
7	23.067	.38000	531.00	83.95	1.238	.3430-01	.3810-01	-5.584	-6800-02
7	23.067	.42900	536.00	136.9	2.019	.5580-01	.1629	-5.459	-2380-01
7	23.067	.43300	537.00	158.1	2.332	.6450-01	.2129	-5.409	-3390-01
7	23.067	.43400	538.00	175.2	2.585	.140-01	.2533	-5.368	-4720-01
7	26.367	.36500	529.00	160.2	2.364	.6530-01	.2179	-5.404	-1030-01
7	26.367	.43400	539.00	142.3	2.100	.5800-01	.1757	-5.446	-2230-01

DATE 01 OCT 80

IHI INTEGRATED VEHICLE PRESSURE DATA
 IHI1. MODEL 84-OTS. E.T.,LO2 FEEDLINE FRNG
 E.T.,LO2 FDLN FRNG

E.T.,LO2 FDLN FRNG

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 (RGIF03)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 6	PO PSFA	P PSFA	Q PSF	T0 DEG R
7	2.989	4.993	1.997	2452.	67.81	424.2	238.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P(I/P)	P(I/F0)	CP(I)	CP(SI)	CPI/SI
7	23.067	.36500	529.00	74.48	1.098	.3040-01	.1570-01	-5.604	-.2800-02
7	23.067	.38000	531.00	95.40	1.407	.3890-01	.6500-01	-5.555	-.1170-01
7	23.067	.42900	536.00	109.0	1.608	.4450-01	.9720-01	-5.522	-.1760-01
7	23.067	.43310	537.00	120.4	1.775	.4910-01	.1239	-5.496	-.2250-01
7	23.067	.43400	538.00	131.5	1.939	.5360-01	.1500	-5.470	-.2740-01
7	26.367	.36500	528.00	185.6	2.737	.7570-01	.2776	-5.342	-.5200-01
7	26.367	.42400	539.00	244.8	3.611	.9990-01	.4173	-5.202	-.8020-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-OTS, E.T.,LO2 FEEDLINE FRNG
(RGIF03)

E.T.,LO2 FDN FRNG

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, E.T.,LO2 FEEDLINE FRNG

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	P0 PSFA	P PSFA	Q PSF	T0 DEG R
7	2.989	4.984	1.997	2452.	67.83	424.3	236.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(L) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CPI/SI
7	23.067	.36500	529.00	74.18	1.094	.3020-01	.1500-01	-5.605	-.2700-02
7	23.067	.38000	531.00	95.36	1.406	.3890-01	.6490-01	-5.555	-.1170-01
7	23.067	.42900	536.00	109.5	1.615	.4470-01	.9830-01	-5.521	-.1780-01
7	23.067	.43300	537.00	121.4	1.791	.4950-01	.1264	-5.493	-.2300-01
7	23.067	.43400	538.00	129.6	1.911	.5290-01	.1457	-5.474	-.2660-01
7	26.367	.36500	528.00	185.7	2.738	.7570-01	.2778	-5.342	-.5200-01
7	26.367	.43400	539.00	251.0	3.700	.1023	.4316	-5.188	-.8320-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-OTS. E.T..L02 FEEDLINE FRNG
E.T..L02 FDLN FRNG

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(RGF103)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
4	3.511	-4.970	1.813	3478.	44.91	387.5	213.2

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP(S1)
4	23.067	.36500	529.00	274.7	6.116	.7900-01	.5930	-8.266	-.7170-01
4	23.067	.38000	531.00	76.75	1.709	.2210-01	.8220-01	-8.777	-.9400-02
4	23.067	.42900	536.00	132.4	2.947	.3800-01	.2257	-8.634	-.2610-01
4	23.067	.43300	537.00	155.7	3.467	.4480-01	.2859	-8.574	-.3340-01
4	23.067	.43400	538.00	172.4	3.839	.4360-01	.3290	-8.530	-.3860-01
4	26.367	.36500	528.00	214.0	4.764	.6150-01	.4363	-8.423	-.5180-01
4	26.367	.43400	539.00	169.8	3.780	.4880-01	.3222	-8.537	-.3770-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-OTS, E.T.,LO2 FEEDLINE FRNG

E.T.,LO2 FDLN FRNG

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(RGIF03)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
4	3.511	-1970-02	1.808	3479.	44.94	387.7	213.7

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P1/P	P1/FO	CP(1)	CP(SI)	CPI/SI
4	23.067	.36500	529.00	122.7	2.730	.3530-01	.2006	-8.658	-.2320-01
4	23.067	.38000	531.00	57.55	1.280	.1650-01	.3250-01	-8.826	-.3700-02
4	23.067	.42900	536.00	87.76	1.953	.2520-01	.1105	-8.748	-.1260-01
4	23.067	.43300	537.00	102.5	2.281	.2950-01	.1485	-8.710	-.1710-01
4	23.067	.43400	538.00	115.3	2.566	.3310-01	.1815	-8.677	-.2090-01
4	26.367	.36500	528.00	113.2	2.519	.3650-01	.1760	-8.682	-.2030-01
4	26.367	.43400	539.00	97.82	2.177	.2810-01	.1364	-8.722	-.1560-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-OTS. E.T..LO2 FEEDLINE FRNG
E.T..LO2 FDLN FRNG

E.T..LO2 FDLN FRNG

PARAMETRIC DATA

BETA = 5.000

		TEST CONDITIONS				***TEST DATA***			
RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R		
4	3.510	5.002	1.807	3478.	44.93	387.6	213.7		
RUN NUMBER	THETA	X/LREF	TAP NO	P1/P PSFA	P1/F0	CP(I)	CP(SI)	CP(I)	CP(SI)
23.067	.36500	529.00	51.75	1.152	.1490-01	.1760-01	-8.840	-.2000-02	
23.067	.38000	531.00	66.01	1.469	.1900-01	.5440-01	-8.804	-.6200-02	
23.067	.42900	536.00	76.67	1.706	.2200-01	.8190-01	-8.776	-.9300-02	
23.067	.43300	537.00	80.51	1.792	.2310-01	.9180-01	-8.766	-.1050-01	
23.067	.43400	538.00	83.84	1.866	.2410-01	.1004	-8.758	-.1150-01	
26.367	.36500	528.00	136.4	3.037	.3920-01	.2361	-8.622	-.2740-01	
26.367	.43400	539.00	234.9	5.228	.6750-01	.4901	-8.368	-.5860-01	

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DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-OTS, E.T., LO2 FEEDLINE FRNG

E.T., LO2 FDN FRNG

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(RGIF04)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P ₀ PSF A	T ₀ DEG R
10	2.495	4.998	2.162	1949.	115.0	501.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P1/P	P1/F0	CP(1)	CP(S1)	CP(S1)
10	23.067	.36500	529.00	156.9	1.364	.8050-01	.8360-01	-3.576	-2340-01
10	23.067	.38000	531.00	175.4	1.525	.9000-01	.1205	-3.539	-3400-01
10	23.067	.42900	536.00	149.2	1.297	.7660-01	.6820-01	-3.591	-1900-01
10	23.067	.43300	537.00	149.7	1.301	.7680-01	.6920-01	-3.590	-1930-01
10	23.067	.43400	538.00	154.5	1.344	.3330-01	.7890-01	-3.581	-2200-01
10	26.367	.36500	528.00	152.1	1.322	.7800-01	.7390-01	-3.586	-2060-01
10	26.367	.43400	539.00	187.4	1.629	.96620-01	.1445	-3.515	-4110-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-OTS, E.T., LO2 FEEDLINE FRNG
E.T., LO2 FDLN FRNG
PAGE 1503
(RG1F04)

E.T., LO2 FDLN FRNG

PARAMETRIC DATA

BETA = -5.000

RUN NUMBER	MACH	ALPHA DEG.	***TEST CONDITIONS***				PSF	PSFA	P DEG R
			RN/FT X10 ⁶	PO	P PSFA	Q			
10	2.495	.1995-01	2.168	1950.	115.1	501.2	287.6		
TEST DATA									
RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CPI/SI
10	23.067	.36500	529.00	236.9	2.059	.1215	.2430	-3.417	-.7110-01
10	23.067	.38000	531.00	137.9	1.198	.7070-01	.4560-01	-3.614	-.1260-01
10	23.067	.42900	536.00	148.7	1.292	.7630-01	.6710-01	-3.593	-.1870-01
10	23.067	.43300	537.00	151.1	1.313	.7750-01	.7190-01	-3.588	-.2000-01
10	23.067	.43400	538.00	155.6	1.352	.7380-01	.8090-01	-3.579	-.2260-01
10	26.367	.43600	528.00	178.4	1.550	.9150-01	.1263	-3.534	-.3570-01
10	26.367	.43400	539.00	183.1	1.592	.9390-01	.1358	-3.524	-.3850-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-OTS. E.T..LO2 FEEDLINE FRNG

E.T..LO2 FDLN FRNG

PAGE 1504
(RGIF04)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
10	2.495	-4.990	2.166	1948.	115.0	501.0	287.7

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP1/S1
10	23.067	.36500	529.00	362.0	3.148	.1858	.4931	-3.167	-.1557
10	23.067	.38000	531.00	124.0	1.078	.6360-01	.1800-01	-3.642	-.4900-02
10	23.067	.42900	536.00	172.4	1.499	.8850-01	.1145	-3.545	-.3230-01
10	23.067	.43300	537.00	173.2	1.506	.8890-01	.1162	-3.544	-.3280-01
10	23.067	.43400	538.00	179.3	1.559	.5200-01	.1283	-3.531	-.3630-01
10	26.367	.36500	528.00	234.9	2.043	.1206	.2394	-3.420	-.7000-01
10	26.367	.43400	539.00	202.0	1.756	.1036	.1736	-3.486	-.4980-01

DATE 01 OCT 80

IHI-1 INTEGRATED VEHICLE PRESSURE DATA IHI-1. MODEL 84-OTS. E.T.-LQZ FEEDLINE FRNG

E.T.L02 FDLN FRNG

PAGE 1505
RG1F051

PARAMETRIC DATA

BETA = .0000

*** TEST CONDITIONS ***						
RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT $\times 10^{-6}$	P0 PSFA	P PSFA	Q PSF
11	2.495	-5.014	2.163	1948.	115.0	501.0

TEST DATA							CPI/SI
RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P/I/P	P/I/FQ	CPI(SI)
11	23.067	.36500	529.00	266.0	2.313	.1365	.3014
11	23.067	.38000	531.00	117.1	1.018	.6010-01	.4100-02
11	23.067	.42900	536.00	238.6	2.075	.1225	.2468
11	23.067	.43300	537.00	245.0	2.130	.1258	.2595
11	23.067	.43400	538.00	264.7	2.301	.1359	.2988
11	26.367	.36500	528.00	288.6	2.509	.1481	.3464
11	26.367	.43400	539.00	273.4	2.377	.1403	.3162

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

E.T., LO2 FDLN FRNG

IH11. MODEL 84-OTS. E.T., LO2 FEEDLINE FRNG

PAGE 1506
(RG/F05)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
11	2.495	.1198-01	2.166	1948.	115.0	500.8	287.5

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CPI/SI
11	23.067	.36500	529.00	281.7	2.451	1447	.3330	-3.327	-.1001
11	23.067	.38000	531.00	103.7	.9017	.5320-01	.2260-01	3.682	.6100-02
11	23.067	.42900	536.00	209.1	1.819	.1074	.1881	3.472	-.5420-01
11	23.067	.43300	537.00	214.2	1.863	.1100	.1981	-3.462	-.5720-01
11	23.067	.43400	538.00	219.5	1.909	.1127	.2087	3.451	-.6050-01
11	26.367	.36500	528.00	285.5	2.483	.1466	.3404	-3.319	-.1026
11	26.367	.43400	539.00	234.4	2.039	.1203	.2384	-3.421	-.6970-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

E.T..LO2 FDLN FRNG
E.T..LO2 FDLN FRNG

PAGE 1507
TRGIF05
IHI1. MODEL 84-OTS. E.T..LO2 FEEDLINE FRNG

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	TO DEG R
11	2.495	4.990	2.165	1949.	115.0	501.0	287.8

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CPI/SI
11	23.067	.36500	529.00	254.6	2.214	.1307	.2786	-3.381	-.8240-01
11	23.067	.38000	531.00	92.95	.8080	.4770-01	-.4410-01	-3.704	.1190-01
11	23.067	.42900	536.00	191.3	1.663	.9810-01	.1522	-3.508	-.4340-01
11	23.067	.43300	537.00	209.2	1.818	.1073	.1879	-3.472	.5410-01
11	23.067	.43400	538.00	231.7	2.014	.1189	.2328	-3.427	.6790-01
11	26.367	.36500	528.00	248.3	2.159	.1274	.2660	-3.394	-.7840-01
11	26.367	.43400	539.00	205.7	1.788	.1055	.1809	-3.479	.5200-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-OTS. E.T. LO2 FEEDLINE FRNG

E.T. LO2 FOLN FRNG

PAGE 150B
(RGIF06)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P ₀ PSF	Q PSF	T ₀ DEG R
12	2.495	5.022	2.166	1948.	115.0	501.0	287.7

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P(1)/P	P(1)/FO	CP(1)	CP(SI)	CP(SI)
12	23.067	.36500	529.00	136.5	1.187	.7010-01	.4290-01	-3.617	-.1190-01
12	23.067	.38000	531.00	162.1	1.409	.8320-01	.9400-01	-3.566	-.2640-01
12	23.067	.42900	536.00	196.1	1.705	.1007	.1619	-3.498	-.4630-01
12	23.067	.43300	537.00	220.1	1.913	.1129	.2097	-3.450	-.6080-01
12	23.067	.43400	538.00	257.9	2.243	.1324	.2852	-3.375	-.8450-01
12	26.367	.36500	528.00	270.4	2.351	.1388	.3102	-3.350	-.9260-01
12	26.367	.43400	539.00	179.1	1.557	.9190-01	.1279	-3.532	-.3620-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-OTS. E.T. .L02 FEEDLINE FRNG

E.T..L02 FDLN FRNG

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(RGJF06)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P ₀ PSFA	Q ₀ PSF	T ₀ DEG R
12	2.495	.3590-01	2.163	1947.	114.9	500.7	287.8

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁₁ PSFA	P ₁ /P	P ₁ /FO	CP(11)	CP(S1)	CP1/S1
12	23.067	.36500	529.00	214.4	1.865	.1101	.1987	-3.461	-.5740-01
12	23.067	.38000	531.00	183.0	1.592	.9400-01	.1358	-3.524	-.3850-01
12	23.067	.42900	536.00	245.3	2.134	.1260	.2603	-3.399	-.7660-01
12	23.067	.43300	537.00	274.2	2.385	.1408	.3181	-3.342	-.9520-01
12	23.067	.43400	538.00	295.0	2.566	.1515	.3596	-3.300	-.1090
12	26.367	.36500	528.00	318.5	2.771	.1636	.4065	-3.253	-.1250
12	26.367	.43400	539.00	222.2	1.933	.1141	.2142	-3.445	-.6220-01

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DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, E.T., LO2 FEEDLINE FRNC

E.T., LO2 FDLN FRNC

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(RGIF06)

PARAMETRIC DATA

BETA = 5.000

•••TEST CONDITIONS•••

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P PSFA	Q PSF	TO DEG R
12	2.495	-4.990	2.164	1947.	114.9	500.7	287.7

•••TEST DATA•••

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁₁ PSFA	P ₁ /P	P ₁ /FO	CP(1)	CP(SI)	CP1/SI
12	23.067	.36500	529.00	374.4	3.257	.923	.5182	-.3.141	-.1650
12	23.067	.38000	531.00	174.6	1.520	.6970-01	.1193	-.3.540	-.3370-01
12	23.067	.42900	536.00	305.7	2.660	.1570	.3810	-.3.279	-.1162
12	23.067	.43300	537.00	309.9	2.696	.1591	.3894	-.3.270	-.1191
12	23.067	.43400	538.00	344.7	2.999	.1770	.4590	-.3.201	-.1434
12	26.367	.36500	528.00	339.8	2.956	.1745	.4492	-.3.211	-.1399
12	26.367	.43400	539.00	298.5	2.597	.1533	.3666	-.3.293	-.1113

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-01. E.T.,LO2 FEEDLINE FRNG

E.T.,LO2 FDLN FRNG

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT x10 ⁻⁶	P ₀ PSFA	P _s PSFA	Q PSF	T ₀ DEG R
21	2.495	-4.975	2.159	1948.	115.0	500.9	288.3

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CP(SI)
21	23.067	.36500	529.00	336.2	2.924	.1726	.4417	-3.218	-.373
21	23.067	.38000	531.00	81.71	.7105	.4190-01	.6650-01	-3.726	.1780-01
21	23.067	.42900	536.00	137.9	1.199	.7080-21	.4570-01	-3.614	-.1270-01
21	23.067	.43300	537.00	135.1	1.175	.6930-01	.4010-01	-3.619	-.1110-01
21	23.067	.43400	538.00	145.5	1.255	.470-01	.6080-01	-3.599	-.1690-01
21	26.367	.36500	528.00	191.0	1.661	.9800-01	.1517	-3.508	-.4320-01
21	26.367	.43400	539.00	197.5	1.717	.1014	.1647	-3.495	-.4710-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-01. E.T..LO2 FEEDLINE FRNG

E.T..LO2 FDLN FRNG

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(RGIF07)

PARAMETRIC DATA

BETA = -5.000

•••TEST CONDITIONS•••

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
21	2.495	.9988-02	X10 6 2.160	1948.	115.0	500.9	288.2

•••TEST DATA•••

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CP1/SI
21	23.067	.36500	529.00	332.2	2.889	.1706	.4337	-3.226	-.1345
21	23.067	.38000	531.00	70.11	.6097	.3600-01	.6960-01	-3.749	.2390-01
21	23.067	.42900	536.00	88.93	.7734	.4570-01	.5200-01	-3.711	.1400-01
21	23.067	.43300	537.00	92.93	.8081	.4770-01	.4400-01	-3.704	.1190-01
21	23.067	.43400	538.00	98.38	.8555	.5050-01	.3320-01	-3.693	.9000-02
21	26.367	.36500	528.00	172.6	1.501	.8860-01	.1150	-3.544	-.3240-01
21	26.367	.43400	539.00	164.8	1.433	.8460-01	.9950-01	-3.560	-.2800-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

E.T..LO2 FDLN FRNG

IH11, MODEL 84-0T, E.T..LO2 FEEDLINE FRNG

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	P0 PSFA	P PSFA	Q PSF	T0 DEG R
21	2.495	4.971	2.162	1949.	115.0	501.1	288.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P PSFA	P1/F0	CP(1)	CP(S1)	CP(S1)
21	23.067	.36500	529.00	262.4	2.281	.1346	.2941	-3.366	-.8740-01
21	23.067	.38000	531.00	64.87	.5639	.3330-01	.1001	-3.760	.2660-01
21	23.067	.42900	536.00	79.76	.6934	.4030-01	-.7040-01	-3.730	.1890-01
21	23.067	.43300	537.00	86.91	.7555	.4460-01	-.5610-01	-3.716	.1510-01
21	23.067	.43400	538.00	91.68	.7970	.4700-01	-.4660-01	-3.706	.1260-01
21	26.367	.36500	528.00	106.8	.9282	.5480-01	-.1650-01	-3.676	.4500-02
21	26.367	.43400	539.00	128.4	1.116	.6590-01	.2660-01	-3.633	-.7300-02

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IHI1 INTEGRATED VEHICLE PRESSURE DATA

IHI1, MODEL 84-0T. E.T., LO2 FEEDLINE FRNG

E.T., LO2 FDLN FRNG

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(RGIF07)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
16	2.989	5.018	1.975	2455.	67.94	424.9	241.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P(I)/P	P(I)/FO	CPI(I)	CP(SI)	CPI/SI
16	23.067	.36500	529.00	140.7	2.070	.5730-01	.1712	-5.446	-.3140-01
16	23.067	.38000	531.00	36.76	.5410	.1500-01	-.7340-01	-5.691	-.1290-01
16	23.067	.42900	536.00	46.46	.6839	.1890-01	-.5050-01	-5.668	.8900-02
16	23.067	.43300	537.00	50.98	.7504	.2080-01	-.3990-01	-5.657	.7100-02
16	23.067	.43400	538.00	53.88	.7930	.2190-01	-.3310-01	-5.651	.5900-02
16	23.067	.36500	528.00	62.60	.9215	.2550-01	-.1260-01	-5.630	.2200-02
16	26.367	.43400	539.00	65.89	.9699	.2680-01	-.4800-02	-5.622	.9000-03

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IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-01. E.T..LO2 FEEDLINE FRNG
E.T..LO2 FDLN FRNG

PAGE 1515
(REF ID: F07)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁻⁶	P0 PSFA	P PSFA	0 PSF	TO DEG R
16	2.989	.1597-01	1.971	2451.	67.85	424.3	241.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P11 PSFA	P1/P	P1/P0	CP(11)	CP(S1)	CP1/S1
16	23.067	.36500	529.00	226.9	3.345	.9260-01	.3749	-5.242	-.7150-01
16	23.067	.38000	531.00	41.40	.6101	.1690-01	.6230-01	-5.680	.1100-01
16	23.067	.42900	536.00	50.41	.7429	.2060-01	.4110-01	-5.658	.7300-02
16	23.067	.43300	537.00	55.60	.8195	.2270-01	.2890-01	-5.646	.5100-02
16	23.067	.43400	538.00	60.11	.8760	.2450-01	.1820-01	-5.636	.3200-02
16	26.367	.36500	528.00	106.5	1.570	.4390-01	.3110-01	-5.526	-.1650-01
16	26.367	.43400	539.00	72.37	1.067	.2950-01	.1070-01	-5.677	-.1900-02

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IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-0T. E.T.-L02 FEEDLINE FRNG

E.T.-L02 FDLN FRNG

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(RG/F07)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P ₀ PSF A	Q PSF	T ₀ DEG R
16	2.989	-5.000	1.979	2455.	67.94	424.9	240.6

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁ PSF A	P ₁ /P	P ₁ /P ₀	CP(11)	CP(S1)	CP1/S1
16	23.067	.36500	529.00	242.0	3.562	.9860-01	.4097	-5.208	-.7870-01
16	23.067	.38000	531.00	49.53	.7290	.2020-01	-.4330-01	-5.661	.7700-02
16	23.067	.42900	536.00	78.56	1.156	.3200-01	.2500-01	-5.593	.4500-02
16	23.067	.43300	537.00	89.03	1.310	.7630-01	.4960-01	-5.568	.8900-02
16	23.067	.43400	538.00	106.1	1.561	.1320-01	.8970-01	-5.528	.1620-01
16	26.747	.36500	528.00	128.8	1.896	.5250-01	.1432	-5.475	.2620-01
16	26.747	.43400	539.00	149.3	2.197	.6080-01	.1914	-5.427	.3530-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-0T. E.T.-L02 FEEDLINE FRNG
E.T.-L02 FDLN FRNG

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-0T. E.T.-L02 FEEDLINE FRNG
E.T.-L02 FDLN FRNG

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(RG1517)

PARAMETRIC DATA

BETA = -5.000

•••TEST CONDITIONS•••

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P ₀ PSFA	TO DEG R
15	3.511	-5.022	1.828	3478.	44.88	387.3 211.9

•••TEST DATA•••

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁ PSFA	P ₁ /P	P ₁ /FO	CP(1)	CP(SI)	CP(1)
15	23.067	36500	529.00	200.3	4.463	.5760-01	.4013	-8.462	-.4740-01
15	23.067	36000	531.00	38.00	.8468	.1090-01	-.1780-01	-8.881	-.2000-02
15	23.067	41900	536.00	53.99	1.203	.1550-01	.2350-01	-6.840	-.2700-02
15	23.067	43300	537.00	63.09	1.406	.1910-01	.4700-01	-8.817	-.5300-02
15	23.067	43400	538.00	78.24	1.743	.2250-01	.8610-01	-8.777	-.9800-02
15	26.367	36500	528.00	101.1	2.252	.2910-01	.1450	-8.719	-.1660-01
15	26.367	43400	539.00	89.22	1.988	.2570-01	.1145	-8.749	-.1310-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-01. E.T.-LO2 FEEDLINE FRNG

E.T.-LO2 FDLN FRNG

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(RGIF07)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	PO PSFA	P PSFA	Q PSF	TO DEG R
15	3.511	.2394-01	1.827	3481.	44.92	387.7	212.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CPI/S1
15	23.067	.36500	529.00	174.8	3.892	.5020-01	.3351	-8.528	-.3530-01
15	23.067	.38000	531.00	30.03	.6684	.8600-02	-.3840-01	-8.902	.4300-02
15	23.067	.42900	536.00	33.19	.7369	.9500-02	-.3030-01	-6.894	.3400-02
15	23.067	.43300	537.00	36.59	.8146	.1050-01	-.2150-01	-8.885	.2400-02
15	23.067	.43400	538.00	41.27	.9188	.1190-01	-.9400-02	-8.873	.1100-02
15	26.367	.36500	528.00	78.64	1.751	.2260-01	-.8700-01	-8.776	-.9900-02
15	26.367	.43400	539.00	45.36	1.010	.1300-01	-.1100-02	-8.862	-.1000-03

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-0T, E.T..LO2 FEEDLINE FRNG
E.T..LO2 FDLN FRNG

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(RGIF07)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P ₀ PSFA	P PSFA	Q PSF	TO DEG R
15	3.511	4.983	1.827	3478.	44.88	387.3	212.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CP(S1)
15	23.067	.36500	529.00	108.3	2.413	.3110-01	.1637	-.8.700	-.1880-01
15	23.067	.38000	531.00	24.65	.5491	.7100-02	-.5220-01	-.8.916	.5900-02
15	23.067	.42900	536.00	29.27	.6522	.8400-02	-.4030-01	-.8.904	.4500-02
15	23.067	.43300	537.00	32.08	.7148	.9200-02	-.3300-01	-.8.896	.3700-02
15	23.067	.43400	538.00	34.38	.7660	.5300-02	-.2710-01	-.8.890	.3000-02
15	26.367	.36500	528.00	39.94	.8899	.1150-01	-.1280-01	-.8.876	.1400-02
15	26.367	.43400	539.00	43.32	.9652	.1250-01	-.4000-02	-.8.867	.5000-03

ORIGINAL FROM
OF FLOOR QUALITY

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-01, E.T.-LO2 FEEDLINE FRNG

E.T.-LO2 FDLN FRNG

PAGE 1520
(RGIF08)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSF A	P PSFA	Q PSF	TO DEG R
20	2.495	4.967	2.165	1950.	115.1	501.4	287.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CP(SI)
20	23.067	.36500	529.00	312.7	2.716	.1603	.3940	-.266	-.1207
20	23.067	.38000	531.00	64.23	.5580	.3290-01	-.1015	-.3.761	.2700-01
20	23.067	.42900	536.00	144.5	1.255	.7410-01	.5850-01	-.5.601	-.1630-01
20	23.067	.43300	537.00	179.8	1.562	.9220-01	.1290	-.3.531	-.3650-01
20	23.067	.43400	538.00	207.5	1.803	.1064	.1R43	-.3.475	.5300-01
20	26.367	.36500	528.00	307.4	2.671	.1576	.3835	-.3.276	-.1171
20	26.367	.43400	539.00	190.1	1.652	.9750-01	.1496	-.3.510	-.4260-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

E.T. .LC2 FDLN FRNG
IHI1. MODEL 84-0T. E.T..LC2 FEEDLINE FRNG

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(RGIF08)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
20	2.495	.7995-02	2.161	1949.	115.0	501.0	288.2

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CP1/SI
20	23.067	.36500	529.00	340.8	2.963	.1749	.4507	-3.209	-.1405
20	23.067	.38000	531.00	77.74	.6758	.3990-01	-.7440-01	-3.734	.1990-01
20	23.067	.42900	536.00	147.4	1.281	.7560-01	.6460-01	-3.595	-.1800-01
20	23.067	.43300	537.00	209.0	1.817	.1073	.1876	-3.472	-.5400-01
20	23.067	.43400	538.00	239.2	2.080	.1228	.2479	-3.412	-.7270-01
20	26.367	.36500	528.00	267.4	2.325	.1372	.3042	-3.355	-.9070-01
20	26.367	.43400	539.00	176.1	1.531	.9040-01	.1220	-3.538	-.3450-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-01. E.T., L02 FEEDLINE FRNC

E.T., L02 FDLN FRNC

PAGE 1522
(RGF/08)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
20	2.495	-4.953	2.163	1949.	115.1	501.2	268.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P/I/P	P/I/FO	CP(I)	CP(SI)	CP(SI)	CP(SI)
20	23.067	.36500	529.00	341.1	2.964	.1750	.4510	-3.209	-1405	
20	23.067	.38000	531.00	96.44	.8381	.4950-01	.3720-01	-3.697	.1010-01	
20	23.067	.42900	536.00	148.4	1.289	.7610-01	.6650-01	-3.593	-.1850-01	
20	23.067	.43300	537.00	224.1	1.948	.1150	.2176	-3.442	-.6320-01	
20	23.067	.43400	538.00	259.0	2.251	.1329	.2872	-3.373	-.8520-01	
20	26.367	.36500	528.00	208.4	1.81	.1069	.1861	-3.474	-.5360-01	
20	26.367	.43400	539.00	200.9	1.746	.1031	.1712	-3.488	-.4910-01	

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

E.T..L02 FDLN FRNG
E.T..L02 FEEDLINE FRNGPAGE 1523
(RG1F08)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P ₀ PSFA	$\frac{\partial}{\partial}$ PSF	$\frac{T_0}{T}$ DEG R
17	2.989	-5.010	1.982	2455.	67.94	425.0	240.5

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CPI/SI
17	23.067	.36500	529.00	245.5	3.613	.1000+00	.4177	-.5.201	-.8030-01
17	23.067	.38000	551.00	57.49	.8461	.2340-01	-.2460-01	-.5.643	.4400-02
17	23.067	.42900	536.00	90.83	1.337	.3700-01	.5390-01	-.5.564	-.9700-02
17	23.067	.43300	537.00	158.7	2.336	.6460-01	.2136	-.5.405	-.3950-01
17	23.067	.43400	538.00	188.3	2.771	.670-01	.2832	-.5.335	-.5.310-01
17	26.367	.36500	528.00	134.9	1.985	.5490-01	.1575	-.5.461	-.2880-01
17	26.367	.43400	539.00	110.7	1.629	.4510-01	.1006	-.5.518	-.1820-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

E.T. .102 FDLN FRNG

IHII. MODEL 84-01. E.T. .102 FEEDLINE FRNG

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(RGIF08)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	PO PSF A	P ^P PSF A	0 PSF	10 DEG R
17.	2.989	-.3186-01	1.983	2455.	67.94	425.0	240.3

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P1/P	P1/F0	CP(1)	CP(SI)	CPI/SI
17	23.067	.36500	529.00	238.0	3.503	.9690-01	.4002	-5.218	-.7670-01
17	23.067	.38000	531.00	45.80	.6741	.1870-01	-.5210-01	-5.670	.9200-02
17	23.067	.42900	536.00	89.06	1.311	.3630-01	.4970-01	-5.569	-.8900-02
17	23.067	.43300	537.00	115.2	1.696	.4690-01	.1112	-5.507	-.2020-01
17	23.067	.43400	538.00	137.0	2.016	.5580-01	.1625	-5.456	-.2980-01
17	23.067	.36500	528.00	181.5	2.672	.7390-01	.2673	-5.351	-.4990-01
17	26.367	.36500	539.00	108.9	1.603	.4440-01	.9640-01	-5.522	-.1750-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

E.T., LO2 FDLN FRNG

IH11. MODEL 84-01. E.T., LO2 FEEDLINE FRNG

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(RG1F08)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P ₀ PSFA	P PSFA	Q PSF	T ₀ DEG R
17	2.989	4.975	1.985	2456.	67.95	425.0	240.2

TEST DATA

RUN NUMBER	THETA X/LREF	TAP NO	P(I) PSFA	P/I/P	P/I/FO	CPI(I)	CPI(SI)	CPI/SI
17	23.067	529.00	204.6	3.011	.8330-01	.3216-01	-5.297	-.6070-01
17	23.067	531.00	37.78	.5560	.1540-01	-.7100-01	-5.690	.1250-01
17	23.067	536.00	80.29	1.182	.3270-01	.2900-01	-5.590	-.5200-02
17	23.067	537.00	94.86	1.396	.7960-01	.6330-01	-5.555	-.1140-01
17	23.067	538.00	112.1	1.649	.4560-01	.1038-	-5.515	-.1880-01
17	26.367	528.00	200.9	2.957	.8180-01	.3128-	-5.306	-.5900-01
17	26.367	539.00	103.9	1.529	.4230-01	.8460-01	-5.534	-.1530-01

DATE 01 OCT 80

IHI 1 INTEGRATED VEHICLE PRESSURE DATA

IHI 1. MODEL 84-0T. E.T. LO2 FEEDLINE FRNG

E.T. LO2 FDLN FRNG

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(RGIF08)

PARAMETRIC DATA

BETA = .00000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁻⁶	P ₀ PSF A	P ₀ PSF A	Q ₀ PSF	T ₀ DEG R
14	3.512	5.022	1.839	3479.	44.87	387.3	211.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P1/P	P1/F0	CP(1)	CP(S1)	CP(S1)
14	23.067	.36500	529.00	149.1	3.324	.4290-01	.2692	-8.597	-.3130-01
14	23.067	.38000	531.00	27.86	.6210	.8000-02	-.4390-01	-8.911	.4900-02
14	23.067	.42900	536.00	54.97	1.225	.1580-01	.2610-01	-8.840	-.2900-02
14	23.067	.43300	537.00	59.14	1.318	.1700-01	.3680-01	-8.830	-.4200-02
14	23.067	.43400	538.00	70.03	1.561	.2010-01	.6500-01	-8.802	-.7400-02
14	26.367	.36500	528.00	153.5	3.422	.4410-01	.2806	-8.586	-.3270-01
14	26.367	.43400	539.00	73.18	1.631	.2100-01	.7310-01	-8.793	-.8300-02

DATE 01 OCT 80

DATE 01 OCT 80
IHI 1 INTEGRATED VEHICLE PRESSURE DATA
IHI 1, MODEL 84-01, E.T.-L02 FEEDLINE FRNG

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(RGIF08)

$$\text{BETA} = -0.000$$

		TEST CONDITIONS							
RUN NUMBER	MACH	ALPHA DEC.	RN/FT /FT X10 ⁻⁶	PO PSFA	P PSFA	Q PSF	TO DEG R	CP(SI)	CP(SI)
14	3.512	.2394-01	1.837	3477.	44.84	387.1	211.1		
TEST DATA									
RUN NUMBER	THETA X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CP(SI)	CP(SI)
14	23.067	529.00	190.5	4.249	.5480-01	.3764	-8.490	-4430-01	
14	23.067	531.00	34.79	.7758	.1000-01	.2600-01	-8.892	.2900-02	
14	23.067	536.00	55.44	1.236	.1590-01	.2740-01	-6.839	.3100-02	
14	23.067	537.00	76.30	1.701	.2190-01	.8130-01	-8.785	.9300-02	
14	23.067	538.00	93.58	2.087	.6690-01	.1259	-8.740	.1440-01	
14	26.367	528.00	140.1	3.124	.4030-01	.2461	-8.620	.2850-01	
14	26.367	539.00	79.02	1.762	.2270-01	.8830-01	-8.778	.1010-01	

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

E.T..LO2 FDLN FRNG

IH11. MODEL 84-0T. E.T..LO2 FEEDLINE FRNG

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(RGIF08)

E.T..LO2 FDLN FRNG

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	T0 DEG R
14	3.511	-4.983	1.831	3478.	44.87	387.3	211.6

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CP(1)
14	23.067	.36500	529.00	200.9	4.478	.5780-01	.4030	-.8.462	-.4760-01
14	23.067	.38000	531.00	45.09	1.005	.1300-01	.6000-03	-.8.864	-.1000-03
14	23.067	.42900	536.00	70.91	1.580	.2040-01	.720-01	-.6.797	-.7600-02
14	23.067	.43300	537.00	128.4	2.862	.7690-01	.2158	-.8.619	-.2490-01
14	23.067	.43400	538.00	156.6	3.490	.4500-01	.2885	-.8.576	-.3360-01
14	26.367	.36500	528.00	114.2	2.545	.3280-01	.1790	-.8.685	-.2050-01
14	26.367	.43400	539.00	84.02	1.872	.2420-01	.1011	-.8.763	-.1150-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-01. E.I..LO2 FEEDLINE FRNG

E.I..LO2 FDLN FRNG

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(RG1F09)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁻⁶	PO PSFA	P PSFA	Q PSF	T0 DEG R	CP(SI)	CPI/SI
19	2.495	-4.996	2.164	1950.	115.1	501.4	288.0		

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P/I/P	P/I/FO	CP(I)	CP(SI)	CPI/SI
19	23.067	.36500	529.00	412.2	3.581	.2114	.5926	-.3.067	-.1932
19	23.067	.38000	531.00	98.94	.8595	.5070-01	-.3230-01	-.3.692	.8700-02
19	23.067	.42900	536.00	298.3	2.592	.1530	.3654	-.3.294	-.1109
19	23.067	.43300	537.00	356.6	3.098	.1929	.4817	-.3.178	-.1516
19	23.067	.43400	538.00	402.4	3.496	.2064	.5730	-.3.087	-.1856
19	26.367	.36500	528.00	374.7	3.255	.1922	.5178	-.3.142	-.1648
19	26.367	.43400	539.00	237.5	2.063	.1218	.2440	-.3.416	-.7140-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-0T. E.T..L02 FEEDLINE FRNG

E.T..L02 FDLN FRNG

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(RG1F09)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	PO PSFA	P PSFA	Q PSF	T0 DEG R
19	2.495	.1397-01	2.163	1950.	115.1	501.3	268.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CPI/SI
19	23.067	.36500	529.00	336.8	2.926	.1727	.4422	-3.217	-.1374
19	23.067	.38000	531.00	88.94	.7728	.4560-01	.5220-01	-3.712	.1410-01
19	23.067	.42900	536.00	131.7	1.144	.6750-01	.3310-01	-3.627	-.9100-02
19	23.067	.43300	537.00	139.2	1.209	.7140-01	.4810-01	-3.611	-.1330-01
19	23.067	.43400	538.00	154.5	1.342	.7320-01	.7850-01	-3.581	-.2190-01
19	26.367	.36500	528.00	244.4	2.123	.1253	.2579	-3.402	-.7580-01
19	26.367	.43400	539.00	182.9	1.589	.9380-01	.1353	-3.524	-.3840-01

ORIGINAL FROM
OF PODR

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-01. E.T..LO2 FEEDLINE FRNG

E.T..LO2 FDLN FRNG

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(RG1509)

PARAMETRIC DATA

BETA = 5.000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	PO PSFA	P PSFA	Q PSF	TO DEG R
19	2.495	4.993	2.164	1950.	115.1	501.5	288.0

TEST CONDITIONS

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CPI/SI
19	23.067	.36500	529.00	242.5	2.107	.1244	.2541	-3.406	-.7460-01
19	23.067	.38000	531.00	91.43	.7942	.4690-01	.4720-01	-3.707	.1270-01
19	23.067	.42900	536.00	126.6	1.100	.6490-01	.2290-01	-3.637	-.6300-02
19	23.067	.43310	537.00	129.7	1.126	.6650-01	.2900-01	-3.631	-.8000-02
19	23.067	.43400	538.00	133.6	1.160	.6850-01	.3680-01	-3.623	-.1020-01
19	26.367	.36500	528.00	143.1	1.243	.7340-01	.5580-01	-3.604	-.1550-01
19	26.367	.43400	539.00	169.6	1.473	.8690-01	.1086	-3.551	-.3060-01

TEST DATA

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-01. E.T. LO2 FEEDLINE FRNG

E.T. LO2 FDLN FRNG

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(RGIF 09)

PARAMETRIC DATA

BETA = 5.300

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P ₀ PSF A	P ₀ PSF	T ₀ DEG R
18	2.989	4.979	1.982	2456.	67.95	240.5

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P ₁ /P	P ₁ /FO	CP(1)	CP(SI)	CP(SI)
18	23.067	.36500	529.00	128.0	1.883	.5210-01	.1412	-5.477	-2580-01
18	23.067	.38000	531.00	55.04	.8100	.2240-01	-.3040-01	-5.649	.5400-02
18	23.067	.42900	536.00	73.72	1.085	.3000-01	.1560-01	-5.605	-2400-02
18	23.067	.43300	537.00	76.28	1.123	.7110-01	.1960-01	-5.599	-3500-02
18	23.067	.43400	538.00	81.30	1.196	.7310-01	.3140-01	-5.587	-5600-02
18	26.367	.36500	528.00	82.77	1.218	.3370-01	.3490-01	-5.583	.6200-02
18	26.367	.43400	539.00	94.32	1.388	.3840-01	.6210-01	-5.556	-1120-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

E.T. LO2 FDLN FRNG
E.T. LO2 FEEDLINE FRNG

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(RGIF09)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P ₀ PSF	Q ₀ PSF	TO DEG R
18	2.989	.1597-01	1.981	2452.	67.85	424.3	240.2

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P(1)/P	P(1)/FO	CPI(SI)	CPI(SI)
18	23.067	.36500	529.00	226.2	3.334	.9230-01	.3732	-5.245
18	23.067	.38000	531.00	53.73	.7919	.2190-01	-.3330-01	-.7120-01
18	23.067	.42900	536.00	75.28	1.110	.3070-01	.1750-01	.5900-02
18	23.067	.43300	537.00	76.82	1.132	.7130-01	.2110-01	.3100-02
18	23.067	.43400	538.00	81.92	1.207	.3340-01	.3320-01	.3800-02
18	26.367	.36500	528.00	147.7	2.178	.6030-01	.1883	.5900-02
18	26.367	.43400	539.00	106.9	1.576	.4360-01	.9210-01	.4300-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-01. E.T..L02 FEEDLINE FRNG
E.T..L02 FDLN FRNG

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(RGF109)

E.T..L02 FDLN FRNG

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT x10 6	P0 PSFA	P PSFA	Q PSF	T0 DEG R
18	2.989	-4.976	1.981	2452.	67.87	424.5	240.4

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P111 PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CP(SI)
18	23.067	.36500	529.00	297.2	.4.379	.1212	.5403	-5.078	-.1064
18	23.067	.38000	531.00	74.29	1.095	.3030-01	.1510-01	-5.603	-.2700-02
18	23.067	.42900	536.00	92.78	1.367	.3780-01	.5870-01	-5.559	-.1060-01
18	23.067	.43300	537.00	109.6	1.614	.4470-01	.9820-01	-5.520	-.1780-01
18	23.067	.43400	538.00	131.1	1.931	.5340-01	.1489	-5.469	-.2720-01
18	26.367	.36500	528.00	279.7	4.121	.1140	.4990	-5.119	-.9750-01
18	26.367	.43400	539.00	118.2	1.742	.4820-01	.1186	-5.499	-.2160-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-07, E.T., LO2 FEEDLINE FRNG

E.T., LO2 FDLN FRNG

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(RCIF09)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P ₀ PSFA	P _{PSFA}	Q PSF	TO DEG R
13	3.512	-4.970	1.850	3483.	44.90	387.6	210.2

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P _I /P	P _I /P ₀	CP(I)	CP(SI)	CPI/SI
13	23.067	.36500	529.00	248.6	5.538	.7140-01	.5256	-8.344	-.6300-01
13	23.067	.38000	531.00	63.54	1.415	.1820-01	.4810-01	-8.822	-.5500-02
13	23.067	.42900	536.00	67.16	1.496	.1930-01	.5740-01	-6.812	-.6500-02
13	23.067	.43300	537.00	70.90	1.579	.2040-01	.6710-01	-8.803	-.7600-02
13	23.067	.43400	538.00	79.50	1.771	.2280-01	.8930-01	-8.780	-.1020-01
13	26.367	.36500	528.00	247.6	5.515	.7110-01	.5229	-8.347	-.6270-01
13	26.367	.43400	539.00	92.34	2.057	.2650-01	.1224	-8.747	-.1400-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-01. E.T. LO2 FEEDLINE FRNG
(RGIF09)

E.T. LO2 FDLN FRNG

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	TO DEG R
13	3.512	.6002-02	1.844	3477.	44.84	387.0	210.5

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP1/S1
13	23.067	.36500	529.00	194.8	4.344	.5600-01	.3874	-8.480	.4570-01
13	23.067	.38000	531.00	39.48	.8807	.1140-01	-.1380-01	-8.882	.1600-02
13	23.067	.42900	536.00	61.12	1.363	.1760-01	.4210-01	-6.826	.4800-02
13	23.067	.43300	537.00	61.89	1.380	.1780-01	.4410-01	-8.824	.5000-02
13	23.067	.43400	538.00	65.46	1.460	.1880-01	.5330-01	-8.815	.6000-02
13	26.367	.36500	528.00	118.5	2.643	.3410-01	.1903	-8.678	.2190-01
13	26.367	.43400	539.00	74.04	1.651	.2130-01	.7550-01	-8.793	.8600-02

OPTIONAL FORMS
100-1000-1000-1000

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-0T. E.T., LO2 FEEDLINE FRNG

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(RG1F09)

E.T., LO2 FDLN FRNG

PARAMETRIC DATA

BETA = 5,000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁻⁶	PO PSFA	P PSFA	Q PSF	TO DEG R
13	3.512	5.006	1.844	3480.	44.87	387.4	210.6

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P(I/P)	P(I/FO)	CPI(I)	CP(SI)	CP(I/SI)
13	23.067	.36500	529.00	88.52	1.973	.2540-01	.1127	-8.755	-.1290-01
13	23.067	.38000	531.00	37.98	.8465	.1090-01	-.1780-01	-8.886	-.2000-02
13	23.067	.42900	536.00	49.71	1.108	.1430-01	.1250-01	-6.856	-.1400-02
13	23.067	.43310	537.00	53.20	1.186	.1530-01	.2150-01	-8.847	-.2400-02
13	23.067	.43400	538.00	57.11	1.273	.1540-01	.3160-01	-3.836	-.3600-02
13	26.367	.36500	528.00	59.58	1.328	.1710-01	.3800-01	-8.830	-.1300-02
13	26.367	.43400	539.00	71.84	1.601	.2060-01	.6960-01	-8.798	-.7900-02

DATE 01 OCT 80

IHI1 INTEGRATED VEHICLE PRESSURE DATA

E.T., LO2 FDLN FRNG

IHI1, MODEL 84-T, E.T., LC2 FEEDLINE FRNG

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PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
48	2.495	-4.943	2.159	1950.	115.1	501.3	288.5

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP(S1)
48	23.067	.36500	529.00	336.2	2.921	.1724	.4409	-3.218	-.1370
48	23.067	.38000	531.00	84.99	.7384	.4360	-.6010	-3.720	.1610-01
48	23.067	.42900	536.00	124.2	1.079	.6370	-.1810	-3.641	-.5000-02
48	23.067	.43300	537.00	140.5	1.221	.7210	.5070	-3.609	-.1410-01
48	23.067	.43400	538.00	151.8	1.319	.7900	-.7320	-3.586	-.2040-01
48	26.367	.36500	528.00	190.6	1.656	.9780	.1506	-3.509	.4290-01
48	26.367	.43400	539.00	289.6	2.516	.1485	.3480	-3.312	-.1051

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-T. E.T., LO2 FEEDLINE FRNG

E.T., LO2 FDLN FRNG

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(RG/F13)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P ₀ PSFA	P ₀ PSFA	Q ₀ PSF	T ₀ DEG R
48	2.494	.5697-03	2.158	1950.	115.1	501.4	288.6

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P ₁ /P	P ₁ /F0	CPI(1)	CPI(SI)	CPI/SI
48	23.067	.36500	529.00	325.0	2.823	.1667	.4186	-3.241	-1.292
48	23.067	.38000	531.00	71.44	.6206	.3660-01	-.870-01	-3.746	.2320-01
48	23.067	.42900	536.00	110.7	.9621	.5680-01	-.8700-02	-3.668	.2400-02
48	23.067	.43300	537.00	118.3	1.028	.6070-01	.6400-02	-3.653	-.1800-02
48	23.067	.43400	538.00	128.9	1.120	.6610-01	.2750-01	-3.632	-.7600-02
48	26.367	.36500	528.00	172.8	1.501	.8860-01	.1151	-3.544	-.3250-01
48	26.367	.43400	539.00	119.0	1.034	.6100-01	.7800-02	-3.652	-.2100-02

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(RGIF13)

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-T. E.T., LO2 FEEDLINE FRNC
E.T., LO2 FOLN FRNC

E.T., LO2 FOLN FRNC

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P PSFA	Q PSF	T ₀ DEG R
48	2.494	5.015	2.157	1950.	115.1	501.4	288.7

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CP/ SI
48	23.067	.36500	529.00	242.9	2.110	.1245	.2548	-3.405	-7480-01
48	23.067	.38000	531.00	62.18	.5401	.3190-01	-.1056	-3.765	.2800-01
48	23.067	.42900	536.00	107.1	.9305	.5490-01	-.1600-01	-3.675	.4300-02
48	23.067	.43300	537.00	119.2	1.036	.6110-01	.8200-02	-3.651	-.2500-02
48	23.067	.43400	538.00	125.4	1.089	.6430-01	.2050-01	3.639	-.5600-02
48	26.367	.36500	528.00	107.9	.9371	.5530-01	-.1440-01	-3.674	.3900-02
48	26.367	.43400	539.00	123.6	1.074	.6340-01	.1690-01	-3.643	-.4600-02

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IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-T. E.T., LO2 FEEDLINE FRNG

E.T., LO2 FDLN FRNG

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(RG/F13)

PARAMETRIC DATA

BETA = -5.000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	PO PSFA	P PSFA	Q PSF	T0 DEG R
43	2.989	5.026	1.989	2463.	68.15	426.2	240.4

TEST CONDITIONS

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CPI(I)	CP(SI)	CPI/SI
43	23.067	.36500	529.00	128.5	1.885	.5220-01	.1416	-5.477	- .2580-01
43	23.067	.38000	531.00	36.15	.5305	.1470-01	-.7510-01	-5.694	- .1320-01
43	23.067	.42900	536.00	56.44	.8282	.2290-01	-.2750-01	-5.646	- .4900-02
43	23.067	.43300	537.00	65.39	.9595	.2550-01	-.6500-02	-5.625	- .1200-02
43	23.067	.43400	538.00	70.07	1.028	.2840-01	-.4500-02	-5.614	- .8000-03
43	26.367	.36500	528.00	65.35	.9589	.2650-01	-.6600-02	-5.626	- .1200-02
43	26.367	.43400	539.00	57.46	.8432	.2330-01	-.2510-01	-5.644	- .4400-02

TEST DATA

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DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-T. E.T., LO2 FEEDLINE FRNG

E.T., LO2 FDLN FRNG

PARAMETRIC DATA

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(RGIF13)

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	PN/FT /FT ²	P ₀ PSFA	P PSFA	Q PSF	T ₀ DEG R
43	2.989	.8997-02	X10.6 1.984	2458.	68.02	425.4	240.4

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CP(S1)
43	23.067	.36500	529.00	223.4	3.285	.9090-01	.3653	-5.253	-6.950-01
43	23.067	.38000	531.00	41.50	.6101	.1690-01	.6230-01	-5.681	.1100-01
43	23.067	.42900	536.00	56.36	.8286	.2290-01	.2740-01	-5.646	.4900-02
43	23.067	.43300	537.00	65.32	.9603	.2660-01	.6400-02	-5.625	.1100-02
43	23.067	.43400	538.00	75.55	1.111	.5070-01	.1770-01	-5.601	.3200-02
43	26.367	.36500	528.00	105.2	1.547	.4280-01	.8740-01	-5.531	.1580-01
43	26.367	.43400	539.00	77.86	1.145	.3170-01	.2310-01	-5.595	.4100-02

DATE 01 OCT 80

IHI I INTEGRATED VEHICLE PRESSURE DATA

IHI I. MODEL 84-T, E.T., LO2 FEEDLINE FRNG

E.T., LO2 FDLN FRNG

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(RGIFI)

DATE 01 OCT 80

IHI I INTEGRATED VEHICLE PRESSURE DATA

IHI I. MODEL 84-T, E.T., LO2 FEEDLINE FRNG

E.T., LO2 FDLN FRNG

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
43	2.989	-4.938	X10 .6	1.986	2460.	68.06	240.3

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/F0	CP(I)	CP(SI)	CP1/SI
43	23.067	.36500	529.00	239.2	3.515	.9720-0	.4020	-5.217	-.7710-0
43	23.067	.38000	531.00	54.39	.7991	.2210-0	-.3210-01	-5.651	.5700-02
43	23.067	.42900	536.00	70.03	1.029	.2850-0	.4600-02	-5.614	-.8000-03
43	23.067	.43300	537.00	86.40	1.270	.7510-0	.4310-01	-5.576	-.7700-02
43	23.067	.43400	538.00	98.42	1.446	.4000-0	.7130-01	-5.547	-.1290-01
43	26.367	.36500	528.00	132.6	1.948	.5390-0	.1516	-5.467	-.2770-01
43	26.367	.43400	539.00	151.2	2.222	.6150-0	.1953	-5.423	-.3600-01

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IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-T. E.T..LO2 FEEDLINE FRNG

E.T..LO2 FDLN FRNG

BETA = -5.000

PARAMETRIC DATA

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P ₀ PSF A	P PSF A	Q PSF	TO DEG R
42	3.512	-4.935	1.845	3481.	44.89	387.5	210.5

TEST DATA

RUN NUMBER	THETA X/LREF	TAP NO	P(1) PSFA	P ₁ /P	P ₁ /P ₀	CP(1)	CP(SI)	CPI(SI)
42	23.067	36500	529.00	193.8	.4.318	.5570-01	.3843	-.484
42	23.067	38000	531.00	37.71	.8402	.1080-01	.1850-01	-.4530-01
42	23.067	42900	536.00	41.62	.9271	.1200-01	-.8400-02	.2100-02
42	23.067	43300	537.00	49.37	1.100	.1420-01	.1160-01	.1000-02
42	23.067	43400	538.00	60.01	1.337	.1720-01	.3900-01	-.1300-02
42	26.367	36500	528.00	99.44	2.215	.2860-01	.1408	-.4400-02
42	26.367	43400	539.00	81.65	1.819	.2350-01	.9490-01	-.727
								-.1610-01
								-.1080-01

DATE 01 OCT 80

INTEGRATED VEHICLE PERFORMANCE DATA

E.T. 102 EDIN FERN

III. INTEGRATED VEHICLE PRESSURE DATA

PARAMETRIC DATA

BETA -5 060

TEST CONDITIONS ..

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P ₀ PSFA	P PSFA	Q PSF	T ₀ DEG R
42	3.512	.6188-02	1.841	3480.	44.87	387.4	210.8
TEST DATA							
RUN NUMBER	THETA X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)
42	23.067	36500	529.00	170.5	3.799	.490-0-0	-3800-0-0
42	23.067	.38000	531.00	28.81	.6421	.830-0-02	.4700-0-02
42	23.067	.42900	536.00	32.24	.7184	.930-0-02	.3700-0-02
42	23.067	.43300	537.00	34.46	.7678	.990-0-02	.3000-0-02
42	23.067	.43700	538.00	39.32	.8761	.1130-0-01	.1600-0-02
42	26.367	.36500	528.00	76.19	1.6969	.2170-0-01	.9200-0-02
42	26.367	.43000	539.00	54.67	.2198	.1570-0-01	.2600-0-02

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(RGIF 13)

E.T., L02 FDLN FRNG

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-T, E.T., L02 FEEDLINE FRNG

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X 0.6	P0 PSFA	P PSFA	Q PSF	T0 DEG R
42	3.512	5.023	1.838	3479.	44.87	387.3	211.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P(I/P)	P(I/FO)	CP(I)	CP(SI)	CP(1)
42	23.067	.36500	529.00	85.20	1.899	.2450-01	.1041	-8.762	-.1190-01
42	23.067	.38000	531.00	24.63	.5488	.7100-02	-.5230-01	-8.919	.5900-02
42	23.067	.42900	536.00	30.58	.6815	.8800-02	-.3690-01	-8.903	.4100-02
42	23.067	.43300	537.00	35.10	.7822	.1010-01	-.2520-01	-8.892	.2800-02
42	23.067	.43400	538.00	38.68	.8620	.1110-01	-.1600-01	-8.882	.1800-02
42	26.367	.36500	528.00	42.60	.9493	.1220-01	-.5900-02	-8.872	.7000-03
42	26.367	.43400	539.00	37.91	.8449	.1090-01	-.1800-01	-8.884	.2000-02

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IHII INTEGRATED VEHICLE PRESSURE DATA
IHII, MODEL 84-T. E.T.1.02 FEEDLINE FRNG

E.T.1.02 FDLN FRNG

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(RGIF14)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P _S PSFA	Q PSF	T ₀ DEG R
47	2.495	5.043	2.166	1952.	115.2	501.9	288.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP(1/S1)
47	23.067	.36500	529.00	323.6	2.809	.1658	.4152	-3.245	-.1280
47	23.067	.38000	531.00	64.01	.5556	.3280-01	-.1020	-3.762	.2710-01
47	23.067	.42900	536.00	111.6	.9686	.5720-01	-.7200-02	3.667	.2000-02
47	23.067	.43300	537.00	129.2	1.121	.6620-01	.2780-01	3.632	-.7700-02
47	23.067	.43400	538.00	145.7	1.265	.7460-01	.6070-01	3.599	-.1690-01
47	26.367	.36500	528.00	269.7	2.34	.1382	.3078	-3.352	-.9180-01
47	26.367	.43400	539.00	214.6	1.862	.1099	.1980	-3.462	-.5720-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-T. E.T..LO2 FEEDLINE FRNG

E.T..LO2 FDLN FRNG

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(RG1F14)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT x10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
47	2.495	-4.943	2.159	1950.	115.1	501.4	288.5

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P1(P) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP(S1)
47	23.067	.36500	529.00	361.7	3.142	.1855	.4917	-3.168	-.1552
47	23.067	.38000	531.00	92.78	.8059	.4760-01	-.4460-01	-3.704	.1200-01
47	23.067	.42900	536.00	160.7	1.396	.8240-01	.9090-01	-3.569	-.2550-01
47	23.067	.43300	537.00	180.8	1.571	.9270-01	.1311	-3.528	-.3710-01
47	23.067	.43400	538.00	192.5	1.672	.5370-01	.1544	-3.505	-.4400-01
47	26.367	.36500	528.00	194.5	1.689	.9970-01	.1582	-3.501	-.4520-01
47	26.367	.43400	539.00	163.4	1.419	.8380-01	.9620-01	-3.563	-.2700-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-T. E.T.,LO2 FEEDLINE FRNG

E.T.,LO2 FDLN FRNG

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	P0 PSFA	P PSFA	Q PSF	TO DEG R
44	2.989	-4.938	1.986	2457.	67.97	425.2	240.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P0	CP(1)	CP(SI)	CP1/SI
44	23.067	.36500	529.00	235.4	3.462	.9580-01	-.3937	-.5.225
44	23.067	.38000	531.00	59.96	.8821	.2440-01	-.1890-01	-.5.638
44	23.067	.42900	536.00	95.72	1.408	.3900-01	.6530-01	.1180-01
44	23.067	.43300	537.00	123.3	1.815	.5020-01	.1302	-.2370-01
44	23.067	.43400	538.00	145.5	2.140	.5320-01	.1823	-.3350-01
44	26.367	.36500	528.00	150.2	2.209	.6110-01	.1933	-.3560-01
44	26.367	.43400	539.00	99.39	1.462	.4050-01	.7390-01	-.1330-01

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(RGIF 14)

E.T. LO2 FDLN FRNG

IHI1 INTEGRATED VEHICLE PRESSURE DATA

IHI1. MODEL 84-T. E.T. LO2 FEEDLINE FRNG

PARAMETRIC DATA

BETA = .0009

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P0 PSF A	P PSF A	Q0 PSF	Q PSF	TO DEG R
44	2.989	.3379-02	1.987	2455.	67.91	424.8	240.0	

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P111 PSFA	P1/P	P1/F0	CP(11)	CP(S1)	CP(1/S1)
44	23.067	.36500	529.00	236.2	3.478	.9620-01	.7961	-5.223	-7590-01
44	23.067	.38000	531.00	47.36	.6974	.1930-01	-.4840-01	-5.667	.8500-02
44	23.067	.42900	536.00	76.83	1.131	.3130-01	.2100-01	-5.598	-.3800-02
44	23.067	.43300	537.00	103.7	1.527	.4220-01	.8420-01	-5.535	-.1520-01
44	23.067	.43400	538.00	115.6	1.703	.4710-01	.1123	-5.506	-.2040-01
44	26.367	.36500	528.00	184.1	2.711	.7500-01	.2736	-5.345	-.5120-01
44	26.367	.43400	539.00	123.7	1.822	.5040-01	.1314	-5.487	-.2390-01

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IH1 INTEGRATED VEHICLE PRESSURE DATA

E.T., LO2 FDLN FRNG
E.T., LO2 FEEDLINE FRNG

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(RGIF14)

PARAMETRIC DATA

BETA = .0000

*** TEST CONDITIONS ***

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P ₀ PSFA	P ₀ PSFA	T ₀ DEG R
44	2.989	5.026	1.986	2457.	67.98	425.2 240.2

*** TEST DATA ***

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CP1/SI
44	23.067	.36500	529.00	215.5	3.169	.8770-01	.3469	5.272	-.6580-01
44	23.067	.38000	531.00	38.86	.5716	.1580-01	-.6850-01	5.687	.1200-01
44	23.067	.42900	536.00	59.94	.8818	.2440-01	-.1890-01	5.637	.3400-02
44	23.067	.43300	537.00	77.76	1.144	.7160-01	.2300-01	5.596	-.4100-02
44	23.067	.43400	538.00	95.75	1.409	.3900-01	.6530-01	5.553	-.1180-01
44	26.367	.36500	528.00	182.5	2.684	.7430-01	.2692	5.349	-.5030-01
44	26.367	.43400	539.00	123.8	1.821	.5040-01	.1313	5.487	-.2390-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-T. E. T. L02 FEEDLINE FRNG

E. T. L02 FDLN FRNG

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
41	3.512	5.040	1.859	3483.	44.88	387.6	209.4

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P11 PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP1/S1
41	23.067	.36500	529.00	148.0	3.297	.4250-01	.2660	-8.606	-.3090-01
41	23.067	.38000	531.00	27.66	.6164	.7900-02	-.4440-01	-8.917	-.5000-02
41	23.067	.42900	536.00	32.13	.7158	.9200-02	-.3290-01	-6.905	.3700-02
41	23.067	.43300	537.00	44.48	.9911	.1280-01	-.1000-02	-8.873	.1000-03
41	23.067	.43400	538.00	56.15	1.251	.1610-01	-.2910-01	-8.843	-.3300-02
41	26.367	.36500	528.00	145.5	3.243	.4180-01	.2597	-8.612	-.3020-01
41	26.367	.43400	539.00	97.05	2.162	.2790-01	.1346	-8.739	-.1540-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-T, E.T..LO2 FEEDLINE FRNG

E.T..LO2 FDLN FRNG

E.T..LO2 FDLN FRNG
PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH.	ALPHA DEG.	RN/FT /FT	P0 PSFA	P0 PSFA	TO DEG R
41	3.512	.1462-01	X10 6 1.852	3480.	44.86	387.3 209.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CPI/SI
41	23.067	.36500	529.00	170.6	3.803	.4900-01	.3247	-8.546	-.3800-01
41	23.067	.38000	531.00	33.66	.7504	.9700-02	-.2890-01	-8.899	-.3200-02
41	23.067	.42900	536.00	43.89	.9783	.1260-01	-.2500-02	-8.873	-.3000-03
41	23.067	.43300	537.00	65.97	1.471	.1900-01	.5450-01	-8.816	-.6200-02
41	23.067	.43400	538.00	77.57	1.729	.2230-01	.8440-01	-8.786	-.9600-02
41	26.367	.36500	528.00	132.0	2.913	.3790-01	.2250	-8.645	-.2600-01
41	26.367	.43400	539.00	87.63	1.953	.2520-01	.1104	-8.760	-.1260-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL BH-T. E.T..LO2 FEEDLINE FRNG

E.T..LO2 FDLN FRNG

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(RGIF 14)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P ₀ PSFA	P _{SF} PSFA	Q ₀ PSF	T ₀ DEG R
41	3.512	-4.935	1.848	3480.	44.86	387.3	210.2

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁₁ PSFA	P ₁ /P	P ₁ /P ₀	CP(1)	CP(51)	CPI/SI
41	23.067	.36500	529.00	196.1	.371	.5630-01	.3905	-8.479	-.4610-01
41	23.067	.38000	531.00	43.65	.9730	.1250-01	-.3100-02	-8.872	.4000-03
41	23.067	.42900	536.00	62.64	1.396	.1800-0	.4590-01	-8.823	-.5200-02
41	23.067	.43300	537.00	94.77	2.113	.2720-01	.1289	-8.740	-.1470-01
41	23.067	.43400	538.00	119.7	2.669	.3440-01	.1933	-8.676	-.2230-01
41	26.367	.36500	528.00	116.7	2.601	.3350-01	.1854	-8.684	-.2140-01
41	26.367	.43400	539.00	72.95	1.626	.2100-01	.7250-01	-8.797	-.8200-02

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IH11 INTEGRATED VEHICLE PRESSURE DATA

E.T., LO2 FOLN FRNG
E.T., LO2 FEEDLINE FRNG

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IH11. MODEL 84-T. E.T., LO2 FEEDLINE FRNG
(RGF15)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	PN/FT /FT X10 ⁶	P ₀ PSF A	P ₀ PSF A	TO DEG R
46	2.494	-4.949	2.157	1946.	114.9	288.3

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CP(SI)
46	23.067	.36500	529.00	396.7	3.453	.2039	.5632	-3.096	-.1819
46	23.067	.38000	531.00	99.33	.8647	.5100-01	.3110-01	-3.690	.8400-02
46	23.067	.42900	536.00	153.8	1.339	.7900-01	.7780-01	-3.582	-.2170-01
46	23.067	.43300	537.00	172.7	1.504	.8880-01	.1156	-3.544	-.3260-01
46	23.067	.43400	538.00	185.9	1.618	.5550-01	.1418	-3.518	-.4030-01
46	26.367	.36500	528.00	370.3	3.223	.1903	.5104	-3.149	-.1621
46	26.367	.42400	539.00	279.8	2.435	.1438	.3295	-3.330	-.9900-01

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IHI1 INTEGRATED VEHICLE PRESSURE DATA

IHI1. MODEL BH-T. E.T..LO2 FEEDLINE FRNG

E.T..LO2 FDLN FRNG

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(RGIF15)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
46	2.495	.8997-02	2.1166	1952.	115.2	501.8	288.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(L) PSFA	P1/P	P1/P0	CP(1)	CP(SI)	CP(SI)
46	23.067	.36500	529.00	329.8	2.863	.1690	.4276	-3.232	-.1323
46	23.067	.38000	531.00	78.38	.6804	.4020-01	-.7340-01	-3.733	.1970-01
46	23.067	.42900	536.00	117.5	1.020	.6020-01	.4700-02	-3.655	-.1300-02
46	23.067	.43300	537.00	140.1	1.216	.7180-01	.4950-01	-3.610	-.1370-01
46	23.067	.43400	538.00	155.0	1.345	.7340-01	.7930-01	-3.581	-.2210-01
46	26.367	.36500	528.00	239.9	2.082	.1223	.2485	-3.411	-.7280-01
46	26.367	.43400	539.00	262.9	2.282	.1347	.2944	-3.365	-.8750-01

OPTIONAL FORM
OF REPORT

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-T. E.T. LO2 FEEDLINE FRNG

E.T. LO2 FDLN FRNG

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(RGF15)

PARAMETRIC DATA

BETA = 5.000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P ₀ PSF A	P ₀ PSF A	Q PSF	T ₀ DEG R
46	2.495	5.040	2.167	1952.	115.2	501.9	288.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P ₁ /P	P ₁ /P ₀	CP(1)	CP(SI)	CP1/SI
46	23.067	.36500	529.00	227.6	1.976	.1166	.2239	-3.436	-.6520-01
46	23.067	.38000	531.00	56.85	.4935	.2910-01	-.1163	-3.776	.3060-01
46	23.067	.42900	536.00	81.58	.7081	.4180-01	-.6700-01	-3.727	.1800-01
46	23.067	.43300	537.00	99.65	.8649	.5110-01	-.3100-01	-3.691	.8400-02
46	23.067	.43400	538.00	114.1	.9907	.5350-01	-.2100-02	-3.662	.6000-03
46	26.367	.36500	528.00	140.6	1.221	.7200-01	.5060-01	-3.609	-.1400-01
46	26.367	.43400	539.00	206.9	1.795	.1060	.1826	-3.477	-.5250-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-T. E.I..LO2 FEEDLINE FRNG

E.I..LO2 FDLN FRNG

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(RGIF 15)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF	P ₀ PSF	θ ₀ DEG R
46	2.495	.2585-01	2.166	1953.	115.3	502.2
					288.1	

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁ PSF	P ₁ /P	P ₁ /P ₀	CP(1)	CP(SI)	CP(SI)
46	23.067	.36500	529.00	332.9	2.887	.1704	.4332	-3.227	-1.343
46	23.067	.38000	531.00	78.57	.6815	.4020-01	.7310-01	-3.733	.196-01
46	23.067	.42900	536.00	135.6	1.176	.6940-01	.4050-01	-3.619	-.1120-01
46	23.067	.43300	537.00	158.4	1.374	.8110-01	.8580-01	-3.574	-.2400-01
46	23.067	.43400	538.00	171.1	1.484	.8760-01	.1111	-3.549	-.3130-01
46	25.367	.36500	528.00	269.3	2.336	.1379	.3066	-3.353	-.9150-01
46	26.367	.43400	539.00	171.8	1.490	.8790-01	.1124	-3.547	-.3170-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-T. E.T. LO2 FEEDLINE FRNG
(RGIF15)

E.T. LO2 FDLN FRNG

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FIT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
45	2.989	5.023	1.986	2456.	67.94	425.0	240.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P11 PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CPI/SI
45	23.067	.36500	529.00	127.1	1.870	.5180-01	.1392	-5.479	-.2540-01
45	23.067	.38000	531.00	35.79	.5267	.1460-01	-.7570-01	-5.694	.1320-01
45	23.067	.42900	536.00	42.55	.6263	.1730-01	-.5970-01	-5.678	.1050-01
45	23.067	.43300	537.00	51.25	.7543	.2090-01	-.3930-01	-5.658	.6900-02
45	23.067	.43400	538.00	61.48	.9048	.2500-01	-.1520-01	-5.634	.2700-02
45	26.367	.36500	528.00	86.40	1.272	.3520-01	.4340-01	-5.575	-.7800-02
45	26.367	.43400	539.00	131.6	1.937	.5360-01	.1498	-5.469	-.2740-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-T, E.T., LO2 FEEDLINE FRNG

E.T., LO2 FDLN FRNG

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(RG/F15)

E.T., LO2 FDLN FRNG

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
45	2.989	.1742-01	1.985	2454.	67.91	424.7	240.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁ PSF A	P ₁ /P	P ₁ /P ₀	CP(1)	CP(S1)	CP(S1)	CP1/S1
45	23.067	.36500	529.00	244.0	3.593	.9940-01	.4146	-5.204	-7970-01	
45	23.067	.38000	531.00	47.18	.6948	.1920-01	-.4880-01	-5.667	.8600-02	
45	23.067	.42900	536.00	68.52	1.009	.2790-01	.1400-02	-5.617	-.3000-03	
45	23.067	.43300	537.00	86.68	1.276	.2530-01	.4420-01	-5.574	-.7900-02	
45	23.067	.43400	538.00	100.7	1.484	.4100-01	.7730-01	-5.541	-.1400-01	
45	26.367	.36500	528.00	145.9	2.149	.5950-01	.1837	-5.435	-.3380-01	
45	26.367	.43400	539.00	166.2	2.448	.6770-01	.2315	-5.387	-.4300-01	

PARAMETRIC DATA

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-T. E.T.-LO2 FEEDLINE FRNG
E.T.-LO2 FDLN FRNG

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(RGIF15)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS						
RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	PO PSFA	P PSFA	Q PSF
45	2.989	-4.952	1.987	2456.	67.94	425.0
TEST DATA						
RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0
45	23.067	.36500	529.00	290.8	.280	.1184
45	23.067	.38000	531.00	62.95	.9265	.2560-01
45	23.067	.42900	536.00	93.82	1.381	.3820-01
45	23.067	.43310	537.00	114.6	1.687	.4670-01
45	23.067	.43400	538.00	129.4	1.904	.5270-01
45	26.367	.36500	528.00	275.2	4.051	1.121
45	26.367	.43400	539.00	192.7	2.837	.7850-01

TO DEG R

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DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-T. E.T., L02 FEEDLINE FRNG

E.T., L02 FDLN FRNG

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(RGF15)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	PO PSFA	P PSFA	Q PSF	T0 DEG R
40	3.513	-4.949	1.886	3481.	44.79	387.0	207.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CP1/SI
40	23.067	.36500	529.00	242.0	5.402	.6950-01	.5095	-8.370	-.6090-01
40	23.067	.38000	531.00	47.52	1.061	.1370-01	.7100-02	-8.872	-.8000-03
40	23.067	.42900	536.00	63.31	1.414	.1820-01	.4790-01	-6.832	-.5400-02
40	23.067	.43300	537.00	87.08	1.944	.2500-01	.1093	-8.770	-.1250-01
40	23.067	.43400	538.00	101.9	2.275	.2330-01	.1476	-8.732	-.1690-01
40	26.367	.36500	528.00	239.2	5.341	.6870-01	.5024	-8.377	-.6000-01
40	26.367	.43400	539.00	153.7	3.432	.4420-01	.2814	-8.598	-.3270-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII, MODEL 84-T, E.T.-LO2 FEEDLINE FRNG
E.T.-LO2 FDLN FRNG

PAGE 1563
(RG/F15)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	TO DEG R
40	3.512	.6188-02	X10 ⁶ 1.864	3481.	44.85	387.3	208.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P11 PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CPI/SI
40	23.067	.36500	529.00	184.5	4.115	.5300-01	.3607	-8.513	-.4240-01
40	23.067	.38000	531.00	39.23	.8747	.1130-01	-.1450-01	-8.888	.1600-02
40	23.067	.42900	536.00	41.04	.9153	.1180-01	-.9800-02	-8.883	.1100-02
40	23.067	.43300	537.00	56.28	1.255	.1520-01	.2950-01	-8.844	-.3300-02
40	23.067	.43400	538.00	69.74	1.555	.2000-01	.6430-01	-8.809	-.7300-02
40	26.367	.36500	528.00	112.9	2.517	.3240-01	.1757	-8.698	.2020-01
40	26.367	.43400	539.00	124.7	2.781	.3580-01	.2063	-8.667	-.2380-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-T, E.T.,LO2 FEEDLINE FRNG

E.T.,LO2 FDLN FRNG

PAGE 1564
(RGIF15)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF _A	P PSF _A	Q PSF	T ₀ DEG R
40	3.512	5.040	1.859	3483.	44.88	387.5	209.4

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSF _A	P/I/P	CP(I)	CP(SI)	CPI/SI
40	23.067	.36500	529.00	87.03	1.939	.2500-01	.1088	-8.763
40	23.067	.38000	531.00	24.18	.5387	.6900-02	.5340-01	-8.926
40	23.067	.42900	536.00	23.28	.5188	.6700-02	.5570-01	-6.928
40	23.067	.43310	537.00	26.26	.5853	.7500-02	.4800-01	.6200-02
40	23.067	.43400	538.00	31.63	.7049	.5100-02	.3420-01	.5400-02
40	26.367	.36500	528.00	58.71	.1308	.1690-01	.8.906	.3800-02
40	26.367	.43400	539.00	112.4	2.505	.3230-01	.3570-01	-.8.836
40	26.367	.43400	539.00	112.4	2.505	.3230-01	.1743	-.2000-01

DATE 01 OCT 80

INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-OTS, E.T. LO2 FEEDLINE BRACKET

F.T. 102 EDIN BBKT

PAGE 1565
(RG1G01)

TEST CONDITIONS							
RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	PO PSFA	P PSFA	Q PSF	TO DEG R
3	2.495	-5.000	2.160	1945.	114.8	500.1	287.8
TEST DATA							
RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(SI)
3	19.767	.43500	540.00	454.8	3.962	.2339	.6800
3	19.767	.70200	545.00	372.3	3.243	.1914	.5150
3	19.767	.89100	550.00	388.1	3.380	.1996	.5465
3	26.367	.43500	541.00	214.7	1.870	.1104	.1998
3	26.367	.70200	546.00	225.0	1.960	.1157	.2204
3	26.367	.89100	551.00	205.8	1.793	.1058	.1821

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-OTS. E.T..LO2 FEEDLINE BRACKET

E.T..LO2 FOLN BRKT

PAGE 1566
(RG1601)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P PSFA	Q PSF	T ₀ DEG R
3	2.495	.4009-02	2.160	1946.	114.9	500.3	288.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CP1/SI
3	19.767	.43500	540.00	441.6	3.845	.2270	.6531	-3.006	-.2172
3	19.767	.70200	545.00	307.7	2.679	.1582	.3955	-3.274	-.1178
3	19.767	.89100	550.00	311.3	2.711	.1600	.3927	-3.267	-.1202
3	26.367	.43500	541.00	171.0	1.489	.8790-01	.1122	-3.547	-.3160-01
3	26.367	.70200	546.00	177.8	1.548	.5140-01	.1258	-3.534	-.3560-01
3	26.367	.89100	551.00	176.3	1.535	.9060-01	.1228	-3.537	-.3470-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, E.T., L02 FEEDLINE BRACKET

E.T., L02 FDLN BRKT

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(RGIG01)

PARAMETRIC DATA

BETA = -5.000

		TEST CONDITIONS					
RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P PSF A	Q PSF	TO DEG R
3	2.495	5.016	2.161	1946.	114.9	500.3	287.9

TEST DATA							
RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P1/P	P1/F0	CP(1)
3	19.767	.43500	540.00	387.3	3.373	.991	.5447
3	19.767	.70200	545.00	323.5	2.817	.663	.4171
3	19.767	.89100	550.00	267.4	2.328	.374	.3049
3	26.367	.43500	541.00	171.2	1.491	.8900-01	.1127
3	26.367	.70200	546.00	155.5	1.353	.7900-01	.8120-01
3	26.367	.89100	551.00	199.6	1.738	.1026	.1693

PARAMETRIC DATA

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, E.T.-LO2 FEEDLINE BRACKET

E.T.-LO2 FOLN BRKT

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P ₀ PSF A	P PSF A	Q PSF	TO DEG R
9	2.989	5.010	1.966	2449.	67.80	424.0	241.5

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P ⁽¹⁾ PSF A	P ₁ /P ₀	P ₁ /FO	CP(1)	CP(S1)	CP(1/S1)
9	19.767	.43500	540.00	236.5	3.488	.9660-01	.3979	-.5.219	-.7620-01
9	19.767	.70200	545.00	240.7	3.550	.9830-01	.4078	-.5.209	-.7830-01
9	19.767	.89100	550.00	167.4	2.468	.6830-01	.2348	-.5.382	-.4360-01
9	26.367	.43500	541.00	102.6	1.513	.4190-01	.8210-01	-.5.535	-.1480-01
9	26.367	.70200	546.00	121.4	1.791	.4360-01	.1266	-.5.490	-.2310-01
9	26.367	.89100	551.00	120.9	1.784	.4940-01	.1253	-.5.491	-.2280-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-OTS, E.T., LO2 FEEDLINE BRACKET

E.T., LO2 FDLN BRKT

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(RGIG01)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P0 PSF A	P PSF A	Q PSF	TO DEG R
9	2.989	-4.988	1.987	2451.	67.80	424.1	239.6

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P1/P0	CP(1)	CP(SI)	CP1/SI
9	19.767	.43500	540.00	276.5	.4.078	.1128	.4920	-.5.127
9	19.767	.70200	545.00	279.0	.4.115	.1139	.4531	-.5.121
9	19.767	.89100	550.00	186.1	2.745	.7590-01	.2790	-.5.340
9	26.367	.43500	541.00	174.2	2.569	.7110-01	.2508	-.5.368
9	26.367	.70200	546.00	149.3	2.202	.6090-01	.1922	-.5.427
9	26.367	.89100	551.00	105.2	1.551	.4290-01	.8820-01	-.5.531

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

E. T. .L02 FDN BRKT

IHII. MODEL 84-OTS, E.T..L02 FEEDLINE BRACKET

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	P0 PSFA	P PSFA	Q PSF	TO DEG R
9	2.989	.1397-01	1.986	2449.	67.75	423.8	239.6

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P/I/P	P/I/FO	CP(I)	CP(SI)	CP/SI
9	19.767	.43500	540.00	229.9	3.394	.9390-01	.3827	-5.236	-.7310-01
9	19.767	.70200	545.00	263.9	3.896	.1078	.4629	-5.156	-.8980-01
9	19.767	.89100	550.00	146.0	2.155	.5960-01	.1846	-5.434	-.3400-01
9	26.367	.43500	541.00	110.1	1.625	.4500-01	.1000+00	-5.519	-.1810-01
9	26.367	.70200	546.00	130.8	1.931	.5340-01	.1488	-5.470	-.2720-01
9	26.367	.89100	551.00	90.85	1.341	.3710-01	.5450-01	-5.564	-.9800-02

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(RGIG01)

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-OTS, E.T., LO2 FEEDLINE BRACKET

E.T., LO2 FDLN BRKT

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(RG1G01)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
9	2.989	4.983	1.986	2451.	67.82	424.2	239.8

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P11 PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP(S1)
9	19.767	.43500	540.00	237.7	3.505	.9700-01	.4005	-5.218	-.7670-01
9	19.767	.70200	545.00	241.9	3.567	.9870-01	.4103	-5.208	-.7880-01
9	19.767	.89100	550.00	178.9	2.639	.7300-01	.2620	-5.357	-.4890-01
9	26.367	.43500	541.00	102.1	1.505	.4170-01	.8090-01	-5.538	-.1460-01
9	26.367	.70200	546.00	113.3	1.670	.4620-01	.1072	-5.512	-.1940-01
9	26.367	.89100	551.00	114.6	1.690	.4680-01	.1104	-5.508	-.2000-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-0TS. E.I..LO2 FEEDLINE BRACKET

E.I..LO2 FDN BRKT

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(RG1G011)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
6	3.510	-4.970	1.808	3477.	44.92	387.5	213.7

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P ₁ /P	P ₁ /F ₀	CP(1)	CP(SI)	CPI/SI
6	19.767	.43500	540.00	215.0	4.786	.6180-01	.4389	-8.419	-.5210-01
6	19.767	.70200	545.00	235.1	5.234	.6760-01	.4908	-8.367	-.5870-01
6	19.767	.89100	550.00	124.2	2.766	.3570-01	.2047	-6.653	-.2370-01
6	26.367	.43500	541.00	133.9	2.981	.7950-01	.2296	-8.628	-.2660-01
6	26.367	.70200	546.00	107.2	2.386	.5080-01	.1607	-8.697	-.1850-01
6	26.367	.89100	551.00	78.11	1.739	.2250-01	.8570-01	-8.772	-.9800-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-01S. E.T.,L02 FEEDLINE BRACKET
(RG1G01)

E.T.,L02 FDLN BRKT

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS						
RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P ₀ PSF A	P ₀ PSF	T ₀ DEG R
6	3.510	-.5379-01	1.804	3476.	44.91	387.4 213.9

TEST DATA						
RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁ PSF A	P ₁ /P	P ₁ /P ₀
6	19.767	.43500	540.00	163.8	3.648	.4710-01
6	19.767	.70200	545.00	174.7	3.889	.5020-01
6	19.767	.89100	550.00	93.81	2.089	.2700-01
6	26.367	.43500	541.00	83.57	1.861	.2400-01
6	26.367	.70200	546.00	79.99	1.781	.2300-01
6	26.367	.89100	551.00	57.99	1.291	.1670-01

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁ PSF A	P ₁ /P	P ₁ /P ₀	CPI/SI	CPI/SI
6	19.767	.43500	540.00	163.8	3.648	.4710-01	.3070	.18.550
6	19.767	.70200	545.00	174.7	3.889	.5020-01	.3349	-.8.522
6	19.767	.89100	550.00	93.81	2.089	.2700-01	.1262	-.8.731
6	26.367	.43500	541.00	83.57	1.861	.2400-01	.9980-01	-.1450-01
6	26.367	.70200	546.00	79.99	1.781	.2300-01	.8.757	-.1140-01
6	26.367	.89100	551.00	57.99	1.291	.1670-01	.9050-01	-.1030-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-015, E.T., L02 FEEDLINE BRACKET

E.T., L02 FDLN BRKT

E.T., L02 FDLN BRKT

BETA = -5.000

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(RG1601)

PARAMETRIC DATA

		TEST CONDITIONS					
RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P ₀ PSF _A	P ₀ PSF _A	Q ₀ PSF	TO DEG R
6	3.510	5.024	1.804	3474.	44.89	387.2	213.9

TEST DATA							
RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF _A	P ₁ /P	P ₁ /FO	CP(1)
6	19.767	.43500	540.00	154.0	3.430	.4430-01	.2817
6	19.767	.70200	545.00	149.1	3.322	.4290-01	.2692
6	19.767	.89100	550.00	92.62	2.063	.2670-01	.1233
6	26.367	.43500	541.00	68.30	1.522	.1970-01	.6050-01
6	26.367	.70200	546.00	61.73	1.375	.1780-01	.4350-01
6	26.367	.89100	551.00	72.31	1.611	.2080-01	.7080-01

CONFIDENTIAL

DATE 01 OCT 80

INTEGRATED VEHICLE PRESSURE DATA

E.T.: LOS FDLN BK1

IHII INTEGRATED VEHICLE PRESSURE DATA

PARAMETRIC DATA

(RG1G02)

		TEST CONDITIONS					
RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	PO PSFA	P PSFA	Q PSF	TO DEG R
2	2.495	5.028	2.160	1945.	114.8	500.2	287.8
TEST DATA						CP(SI)	CP / SI
RUN NUMBER	THETA X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)
2	19.767	.43500	540.00	326.4	.2.843	.1678	.4231
2	19.767	.70200	545.00	385.5	3.357	.1982	.5411
2	19.767	.89100	550.00	277.8	2.419	.1428	.3659
2	26.367	.43500	541.00	208.8	1.818	.1073	.1879
2	26.367	.70200	546.00	201.7	1.757	.1037	.1879
2	26.367	.89100	551.00	250.7	2.183	.1289	.2716

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII, MODEL 84-OTS, E.T.L02 FEEDLINE BRACKET
(RG1G02)

E.T.L02 FDLN BRKT

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PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P ₀ PSFA	P PSFA	Q PSF	T ₀ DEG R
2	2.495	-.2788-01	2.160	1946.	114.9	500.3	288.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CP1/SI
2	19.767	.43500	540.00	302.6	2.635	.1555	.3753	-.3.284	-.1143
2	19.767	.70200	545.00	393.6	3.427	.2023	.5573	-.3.102	-.1796
2	19.767	.89100	550.00	266.5	2.320	.1370	.3031	-.3.356	-.9030-01
2	26.367	.43500	541.00	231.3	2.014	.1189	.2328	-.3.427	-.6790-01
2	26.367	.70200	546.00	232.6	2.025	.1196	.2354	-.3.424	-.6870-01
2	26.367	.89100	551.00	243.3	2.118	.1250	.2567	-.3.403	-.7540-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, E.T., LO2 FEEDLINE BRACKET
E.T., LO2 FDLN BRKT

PARAMETRIC DATA

BETA = .0000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P ₀ PSFA	P PSFA	Q PSF	T ₀ DEG R
2	2.495	-4.996	X10 6 2.162	1946.	114.9	500.4	287.8

TEST CONDITIONS

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP(1/S1)
2	19.767	.43500	540.00	414.5	3.609	.2130	.5989	-3.061	-.1957
2	19.767	.70200	545.00	465.7	4.054	.2393	.7011	-2.958	-.2370
2	19.767	.89100	550.00	283.0	2.464	.1454	.3360	-3.324	-.1011
2	26.367	.43500	541.00	268.6	2.338	.1380	.3072	-3.352	-.9160-01
2	26.367	.70200	546.00	238.6	2.077	.1226	.2473	-3.412	-.7250-01
2	26.367	.89100	551.00	246.9	2.149	.1269	.2638	-3.396	-.7770-01

TEST DATA

1 - 6

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-0TS, E.T.-LO2 FEEDLINE BRACKET

E.T.-LO2 FDLI: BRKT

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(RG1002)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
8	2.989	5.010	1.990	2453.	67.87	424.6	239.6

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P ₁ /P	P ₁ /P ₀	CP(1)	CP(S1)	CP1/S1
8	19.767	.43500	540.00	175.4	2.584	.7150-01	.2533	-.366	-.4720-01
8	19.767	.70200	545.00	273.8	4.034	.1116	.4850	-.134	-.9450-01
8	19.767	.89100	550.00	157.2	2.316	.6410-01	.2104	-.409	-.3890-01
8	26.367	.43500	541.00	124.5	1.834	.5070-01	.1333	-.486	-.2430-01
8	26.367	.70200	546.00	147.6	2.175	.6020-01	.1879	-.431	-.3460-01
8	26.367	.89100	551.00	137.0	2.018	.5580-01	.1628	-.456	-.2980-01

DATE 01 OCT 80

INTEGRATED VEHICLE PRESENCE DATA

III. MODEL 84-OTS. E.T.-L02 FEEDLINE BRACKET

E.T. LO2 FDLN BRKT

PAGE 1579
15616021

PARAMETRIC DATA

BETA # - 0000

*** TEST CONDITIONS ***							
RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P ₀ PSFA	P ₀ PSFA	Q PSF	T ₀ DEG R
8	2.989	.1397-01	1.988	2451.	67.81	424.2	239.6
*** TEST DATA ***							
RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)
8	19.767	.43500	540.00	166.2	2.451	.6780-01	.2320
8	19.767	.70200	545.00	299.1	4.411	.1220	.5453
8	19.767	.89100	550.00	172.0	2.537	.7020-01	.2457
8	26.367	.43500	541.00	169.6	2.501	.6920-01	.2400
8	26.367	.70200	546.00	175.4	2.587	.160-01	.2537
8	26.367	.89100	551.00	135.8	2.002	.5540-01	.1502

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-OTS. E.T..LO2 FEEDLINE BRACKET

E.T..LO2 FDLN BRKT

PAGE 1580
(RG1G02)

PARAMETRIC DATA

BETA = .0000

•••TEST CONDITIONS•••

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P ₀ PSFA	P PSFA	Q PSF	T ₀ DEG R
8	2.989	-5.000	1.985	2448.	67.75	423.7	239.7

•••TEST DATA•••

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P ₁ /P ₀	P ₁ /FO	CP(1)	CP(SI)	CP(SI)
8	19.767	.43500	540.00	262.2	3.871	1.071	.4590	-5.160	-.8900-01
8	19.767	.70200	545.00	357.3	5.274	.1459	.6832	-4.935	-.1384
8	19.767	.89100	550.00	186.1	2.751	.7610-01	.2799	-5.339	-.5240-01
8	26.367	.43500	541.00	204.7	3.021	.8360-01	.3231	-5.295	-.6100-01
8	26.367	.70200	546.00	201.9	2.979	.8240-01	.3165	-5.302	-.5970-01
8	26.367	.89100	551.00	150.9	2.228	.6160-01	.1963	-5.422	-.3620-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

E.T., LO2 FDLN BRKT

PAGE 1581
IH11, MODEL 84-OTS. E.T., LO2 FEEDLINE BRACKET
(RG1602)

PARAMETRIC DATA

BETA = .0000

•••TEST CONDITIONS•••						
RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁻⁶	P ₀ PSFA	P PSFA	Q PSF
5	3.511	5.008	1.812	3479.	44.93	387.6
•••TEST DATA•••						
RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/F0	CP(1)
5	19.767	.43500	540.00	102.7	2.286	.2950-01
5	19.767	.70200	545.00	273.3	6.083	.7860-01
5	19.767	.89100	550.00	110.1	2.449	.3160-01
5	26.367	.43500	541.00	86.42	1.924	.2480-01
5	26.367	.70200	546.00	123.0	2.738	.5440-01
5	26.367	.89100	551.00	81.05	1.804	.2330-01
						.9320-01
						-8.766
						-.1060-01
CP(SI)						
						-8.710
						-.1710-01
						-8.270
						-.7120-01
						-6.691
						-.1930-01
						-8.752
						-.1220-01
						-8.658
						-.3330-01
						-.1060-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

E.T..L02 FDN BRKT

IHII. MODEL 84-OTS. E.T..L02 FEEDLINE BRACKET

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	P0 PSFA	P PSFA	Q PSF	TO DEG R
5	3.510	.1597-01	1.807	3478.	44.93	387.6	213.8

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P(I)/P	P(I)/FO	CP(I)	CP(SI)	CPI/SI
5	19.767	.43500	540.00	127.8	2.845	.3670-01	.2138	-8.644	-.2470-01
5	19.767	.70200	545.00	285.7	6.358	.8210-01	.6212	-8.237	-.7540-01
5	19.767	.89100	550.00	74.56	1.659	.2140-01	.7640-01	-8.781	-.8700-02
5	26.367	.43500	541.00	124.7	2.776	.7590-01	.2059	-8.652	-.2380-01
5	26.367	.70200	546.00	143.9	3.202	.4140-01	.2552	-8.602	-.2970-01
5	26.367	.89100	551.00	70.04	1.559	.2010-01	.6480-01	-8.793	-.7400-02

ORIGINAL PAGE
OF POOR QUALITY

DATE 01 OCT 80

IH1 INTEGRATED VEHICLE PRESSURE DATA

E.T. LO2 FDLN BRKT

IH1. MODEL 84-0TS, E.T.-LO2 FEEDLINE BRACKET

PARAMETRIC DATA

BETA = .0000

RUN NUMBER	MACH	ALPHA DEG.	***TEST CONDITIONS***				CP(SI)	CP(FI)
			RN/FT /FT	P0 PSFA	P PSFA	Q PSF		
5	3.510	-4.962	X10 ⁶ 1.807	3478.	44.94	387.6	213.8	

RUN NUMBER	THETA	X/LREF	TAP NO	***TEST DATA***				CP(SI)	CP(FI)
				P1 PSFA	P1/P	P1/FO	CP(1)		
5	19.767	.43500	540.00	198.7	4.421	.5710-01	.3966	-.4690-01	
5	19.767	.70200	545.00	296.9	6.607	.8540-01	.6500	-.7920-01	
5	19.767	.89100	550.00	156.2	3.477	.4490-01	.2871	-.3350-01	
5	26.367	.43500	541.00	161.6	3.597	.4650-01	.3010	-.3520-01	
5	26.367	.70200	546.00	148.5	3.304	.4270-01	.2671	-.8.591	-.3110-01
5	26.367	.89100	551.00	106.1	2.360	.3050-01	.1577	-.8.700	-.1810-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-OTS. E.T. .L02 FEEDLINE BRACKET

E.T..L02 FDLN BRKT

PARAMETRIC DATA
E.T..L02 FDLN BRKT

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	TO DEG R
1	2.495	-4.988	2.191	1946.	114.8	500.2	285.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CP1/SI
1	19.767	.43500	540.00	453.3	3.948	.2329	.6767	-2.984	-.2268
1	19.767	.70200	545.00	236.0	2.056	.1213	.2423	-3.419	-.7090-01
1	19.767	.89100	550.00	248.7	2.166	.1278	.2676	-3.393	-.7890-01
1	26.367	.43500	541.00	304.8	2.655	.1567	.3799	-3.281	-.1158
1	26.367	.70200	546.00	417.1	3.633	.143	.6043	-3.056	-.1977
1	26.367	.89100	551.00	264.9	2.307	.1361	.3000	-3.361	-.8930-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

E.T..LO2 FDLN BRKT

IH11. MODEL 84-0TS. E.T..LO2 FEEDLINE BRACKET
(RGIG03)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
1	2.494	-.1193-01	2.155	1945.	114.8	500.2	288.4

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P/I/P	P/I/P0	CP(I)	CP(SI)	CP(SI)
1	19.767	.43500	540.00	332.2	2.892	.1708	.4345	-3.225	-.1347
1	19.767	.70200	545.00	195.9	1.706	.1007	.1620	-3.497	-.4630-01
1	19.767	.89100	550.00	256.4	2.233	.3118	.2831	-3.376	-.8380-01
1	26.367	.43500	541.00	224.7	1.957	.1155	.2197	-3.440	-.6390-01
1	26.367	.70200	546.00	379.9	3.308	.1953	.5300	-3.129	-.1694
1	26.367	.89100	551.00	272.0	2.368	.1398	.3141	-3.345	-.9390-01

DATE 01 OCT 80

E.T., L02 FOLN BRKT

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-0TS, E.T., L02 FEEDLINE BRACKET

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(RGIG03)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	PO PSFA	P PSFA	$\frac{\partial}{\partial}$ PSF	$\frac{\partial}{\partial}$ PSF	TO DEG R
1	2.495	5.028	2.160	1946.	114.9	500.4	287.9	

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CP(SI)
1	19.767	.43500	540.00	329.6	2.869	.1694	.4292	-3.230	-1329
1	19.767	.70200	545.00	254.8	2.218	.1309	.2796	-3.380	.8270-01
1	19.767	.89100	550.00	262.4	2.285	.1349	.2949	-3.365	.8760-01
1	26.367	.43500	541.00	172.8	1.504	.9880-01	.1158	-3.544	.3270-01
1	26.367	.70200	546.00	528.3	4.599	.2715	.8262	-2.833	.2916
1	26.367	.89100	551.00	266.0	2.316	.1367	.3021	-3.357	.9000-01

DATE 01 OCT 80

E.T., LO2 FDLN BRKT

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-OTS. E.T., LO2 FEEDLINE BRACKET

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(RG1603)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁻⁶	P0 PSFA	P PSFA	Q PSF	TO DEG R
7	2.990	-4.961	2.024	2451.	67.74	423.9	236.4

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P/I/P	P/I/PO	CP(I)	CP(SI)	CP(SI)
7	19.767	.43500	540.00	279.4	.4.124	.1140	.4992	-.123	-.9740-01
7	19.767	.70200	545.00	138.9	2.050	.5670-01	.1678	-.455	-.3080-01
7	19.767	.89100	550.00	185.1	2.733	.7550-01	.2769	-.346	-.5180-01
7	26.367	.43500	541.00	175.1	2.586	.7150-01	.2534	-.369	-.4720-01
7	26.367	.70200	546.00	208.4	3.077	.8500-01	.3319	-.290	-.6270-01
7	26.367	.89100	551.00	220.7	3.258	.9000-01	.3608	-.262	-.6860-01

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DATE 01 OCT 90

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, E.T., LO2 FEEDLINE BRACKET

E.T., LO2 FDLN BRKT

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(RG1603)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	PN/FT ⁶ /FT	P ₀ PSF _A	P PSF _A	Q PSF	T ₀ DEG R
7	2.990	- .3186-01	2.017	2453.	67.80	424.2	237.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁ PSF _A	P ₁ /P	P ₁ /P ₀	CP(11)	CP(SI)	CP1/SI
7	19.767	.43500	540.00	179.1	2.641	.7300-01	.2623	-5.359	-.4890-01
7	19.767	.70200	545.00	288.4	4.254	.1176	.5200	-5.102	-.1019
7	19.767	.89100	550.00	169.4	2.498	.6900-01	.2394	-5.382	-.4450-01
7	26.367	.43500	541.00	131.2	1.935	.5350-01	.1494	-5.472	-.2730-01
7	26.367	.70200	546.00	155.3	2.291	.6330-01	.2062	-5.415	-.3810-01
7	26.367	.89100	551.00	206.2	3.042	.8410-01	.3264	-5.295	-.6160-01

DATE 01 OCT 80

III. INTEGRATED VEHICLE PRESSURE DATA

1HII, MODEL 84-OTS, E.T., LOS FEEDLINE BRACKET

ESTATE PLANNING

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(RG1G03)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P ₀ PSFA	P PSFA	Q PSF	T ₀ DEG R
7	2.989	4.993	1.997	2452.	67.81	424.2	238.9
TEST DATA							
RUN NUMBER	THETA X/LREF	TAP NO	P(1) PSFA	P ₁ /P	P ₁ /FO	CP(1)	CP(SI)
7	19.767	43500	166.1	2.449	.6770-01	.2316	-5.388
7	19.767	54500	133.3	1.966	.5440-01	.1545	-5.465
7	19.767	55000	170.1	2.508	.6940-01	.2411	-5.379
7	26.367	54100	126.3	1.863	.5150-01	.1380	-5.482
7	26.367	54600	113.9	1.680	.4050-01	.1080	-5.511
7	26.367	55100	195.9	2.711	.7560-01	.2782	-5.511

RN/FT X10 ⁶	P ₀ /PSFA	P PSFA	Q PSFR	T ₀ DEG R
1.997	2452.	67.81	424.2	238.9

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-OTS, E.T., LO2 FEEDLINE BRACKET

E.T., LO2 FDLN BRKT

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(RGIG031)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	P0 PSFA	P PSFA	Q PSF	T0 DEG R
7	2.989	4.984	1.997	2452.	67.83	424.3	238.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CP1/S1
7	19.767	.43500	540.00	167.4	2.468	.6820-01	.2346	-5.385	-.4360-01
7	19.767	.70200	545.00	133.5	1.968	.5940-01	.1547	-5.465	-.2830-01
7	19.767	.89100	550.00	169.2	2.495	.6900-01	.2351	-5.381	-.4440-01
7	26.367	.43500	541.00	127.1	1.874	.6180-01	.1396	-5.480	-.2550-01
7	26.367	.70200	55.6.00	114.6	1.690	.4670-01	.1103	-5.509	-.2000-01
7	26.367	.89100	551.00	186.5	2.749	.7600-01	.2796	-5.340	-.5240-01

DATE 01 OCT 80

IHI INTEGRATED VEHICLE PRESSURE DATA

E.I..LO2 FDLN BRKT
E.I..LO2 FEEDLINE BRACKET

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(RGIG03)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	TO DEG R
4	3.511	-4.970	X10.6 1.813	3478.	44.91	387.5	213.2

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CPI/SI
4	19.767	.43500	510.00	211.4	4.707	.6080-01	.4297	-8.430	.5100-01
4	19.767	.70200	545.00	116.2	2.588	.3340-01	.1841	-8.675	.2120-01
4	19.767	.89100	550.00	129.2	2.877	.3720-01	.2175	-6.642	.2520-01
4	26.367	.43500	54.00	134.8	3.002	.3980-01	.2321	-8.627	.2690-01
4	26.367	.70200	546.00	140.5	3.127	.4040-01	.2466	-8.613	.2860-01
4	26.367	.89100	551.00	139.6	3.108	.4010-01	.2444	-8.615	.2840-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, E.T., LO2 FEEDLINE BRACKET

E.T., LO2 FDLN BRKT

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(RGIG03)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RW/FT FT	P0 PSFA	P PSFA	Q PSF	TO DEG R
4	3.511	-1970-02	X10 6 1.808	3479.	44.94	387.7	213.7

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CPI/SI
4	19.767	.43500	540.00	116.8	2.600	.3360-01	.1855	-8.673	-.2140-01
4	19.767	.70200	545.00	101.2	2.253	.2910-01	.1452	-8.713	-.1670-01
4	19.767	.89100	550.00	99.53	2.215	.2860-01	.1408	-6.717	-.1620-01
4	26.367	.43500	541.00	87.84	1.955	.2530-01	.1107	-8.747	-.1270-01
4	26.367	.70200	546.00	149.2	3.321	.4290-01	.2690	-8.589	-.3130-01
4	26.367	.89100	551.00	117.6	2.617	.3380-01	.1874	-8.671	-.2160-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 64-OTS, E.T., LO2 FEEDLINE BRACKET

E.T., LO2 FDLN BRKT

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(RG1G03)

PARAMETRIC DATA

BETA = 5.000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P0 PSFA	P PSFA	Q PSF	TO DEG R
4	3.510	5.002	1.807	3478.	44.93	387.6	213.7

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FD	CP(1)	CP(SI)	CP1/SI
4	19.767	.43500	540.00	106.4	2.367	.3060-01	.1585	-8.699	-.1820-01
4	19.767	.70200	545.00	76.42	1.701	.2200-01	.8120-01	-8.777	-.9300-02
4	19.767	.89100	550.00	109.6	2.439	.3150-01	.1668	-6.691	-.1920-01
4	26.367	.43510	541.00	117.9	2.625	.2390-01	.1884	-8.569	-.2170-01
4	26.367	.70200	546.00	130.2	2.898	.5740-01	.2201	-8.638	-.2550-01
4	26.367	.89100	551.00	133.6	2.974	.3840-01	.2289	-8.529	-.2650-01

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OF FORM 1593

DATE 01 OCT 80

IHI1 INTEGRATED VEHICLE PRESSURE DATA

IHI1, MODEL 84-OTS, E.T., LO2 FEEDLINE BRACKET

E.T., LO2 FDLN BRKT

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(RG1G04)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁻⁶	P ₀ PSF A	P PSF	Q PSF	T ₀ DEG R
10	2.495	4.998	2.162	1949.	115.0	501.1	288.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁ PSF A	P ₁ /P	P ₁ /FO	CP(11)	CP(S1)	CP(11)
10	19.767	.43500	540.00	389.6	3.387	.1999	.5479	-3.112	-.1761
10	19.767	.70200	545.00	323.2	2.809	.1658	.4154	-3.244	-.1280
10	19.767	.89100	550.00	256.6	2.230	.1317	.2825	-3.377	-.8360-01
10	26.367	.43500	541.00	170.4	1.481	.8740-01	.1105	-3.549	-.3110-01
10	26.367	.70200	546.00	154.2	1.341	.7310-01	.7820-01	-3.581	-.2180-01
10	26.367	.89100	551.00	200.6	1.744	.1030	.1708	-3.489	-.4900-01

DATE 01 OCT 80

IHI I INTEGRATED VEHICLE PRESSURE DATA

E.I.102 EDLN BRKT

IHI1 INTEGRATED VEHICLE PRESSURE DATA

PARAMETRIC DATA

BETA = -5,000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P ₀ PSF	T ₀ DEG R
10	2.495	.1995-01	2.168	1950.	115.1	501.2
TEST DATA						
THETA	X/LREF	TAP NO	P(1) PSFA	P(1)/P	P(1)/FO	CP(SI)
3.767	.43500	540.00	446.3	3.878	.2289	.6607
3.767	.70200	545.00	309.4	2.689	.1587	.3877
3.767	.89100	550.00	285.1	2.478	.1462	.3392
3.767	.43500	541.00	169.6	1.474	.8700-01	.1088
3.767	.70200	546.00	176.7	1.535	.5060-01	.1229
3.767	.89100	551.00	176.3	1.523	.9040-01	.1229

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(AGI604)

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-OTS. E.T..LOS FEEDLINE BRACKET

E.T..LOS FDLN BRKT

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(RG1G04)

E.T..LOS FDLN BRKT

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	TO DEG R
10	2.495	-4.990	X10 ⁶ 2.166	1948.	115.0	501.0	287.7

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CP1/SI
10	19.767	.43500	540.00	459.6	3.996	.2359	.6879	-2.972	-.2315
10	19.767	.70200	545.00	375.3	3.264	.1926	.5197	-3.140	-.1655
10	19.767	.89100	550.00	409.2	3.558	.2100	.5872	-3.073	-.1911
10	26.367	.43500	541.00	216.7	1.884	.1112	.2030	-3.457	-.5870-01
10	26.367	.70200	546.00	226.9	1.973	.1165	.2234	-3.436	-.6500-01
10	26.367	.89100	551.00	212.2	1.845	.1089	.1940	-3.466	-.5600-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-OTS. E.T..LO2 FEEDLINE BRACKET

E.T..LO2 FDLN BRKT

PAGE 1597
(RG1G05)

PARAMETRIC DATA

BETA = .00000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
11	2.495	-5.014	X10.6 2.163	1948.	115.0	501.0	287.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P1 PSFA	P1/P	P1/FO	CPI(1)	CPI(SI)	CPI(1)
11	19.767	.43500	540.00	418.8	3.642	.2150	.6065	-3.053	-.1986
11	19.767	.70200	545.00	466.2	4.054	.2393	.7011	-2.959	-.2370
11	19.767	.89100	550.00	284.8	2.476	.1462	.3389	-3.321	-.1021
11	26.367	.43500	541.00	272.0	2.365	.1396	.3134	-3.346	-.9370-01
11	26.367	.70200	546.00	241.4	2.099	.1239	.2522	-3.407	-.7400-01
11	26.367	.89100	551.00	246.7	2.145	.1266	.2629	-3.397	-.7740-01

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DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-OTS. E.T., LOS FEEDLINE BRACKET

E.T., LOS FDLN BRKT

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(FIGIGS)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RH/FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
11	2.495	.1198-01	2.166	1948.	115.0	500.8	287.5

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P1(P) PSFA	P1/P	P1/F0	CP(I+)	CP(SI)	CP(SI)	CPI/SI
11	19.767	.43500	540.00	302.8	2.634	.1554	.3750	-3.285	-1.1142	
11	19.767	.70200	545.00	392.0	3.410	.2013	.5533	-3.106	-1.1781	
11	19.767	.89100	550.00	264.0	2.296	.1355	.2976	-3.362	-8850-01	
11	26.367	.43500	541.00	228.6	1.988	.1174	.2269	-3.433	.6610-01	
11	26.367	.70200	546.00	231.3	2.012	.1188	.2323	-3.428	.6780-01	
11	26.367	.89100	551.00	242.5	2.109	.1245	.2546	-3.405	.7480-01	

DATE 01 OCT 80

IHI INTEGRATED VEHICLE PRESSURE DATA IHI. MODEL 84-OTS. E.T..L02 FEEDLINE BRACKET

E.T.:L02 FDLN BRKT

PARAMETRIC DATA

BETA = .0000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	PO PSFA	P PSFA	Q PSF	TO DEG R
11	2.495	4.990	2.165	1949.	115.0	501.0	287.8
TEST DATA							
RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(SI)
11	19.767	.43500	540.00	321.1	2.791	.1648	.4112
11	19.767	.70200	545.00	387.5	3.368	.1988	.5437
11	19.767	.89100	550.00	274.3	2.384	.1407	.3178
11	26.367	.43500	541.00	207.6	1.805	.1065	.1848
11	26.367	.70200	546.00	197.7	1.719	.1015	.1651
11	26.367	.89100	551.00	246.2	2.140	.1263	.2617

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-OTS. E.T.-L02 FEEDLINE BRACKET

E.T.-L02 FDLN BRKT

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
12	2.495	5.022	2.166	1948.	115.0	501.0	287.7

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P1/P	P1/F0	CP(1)	CP(SI)	CP(SI)
12	19.767	.43500	540.00	329.8	2.868	.1693	.4288	-3.231	-1.1327
12	19.767	.70200	545.00	251.4	2.186	.1290	.2723	-3.387	-.8040-01
12	19.767	.89100	550.00	261.6	2.275	.1343	.2927	-3.367	-.8690-01
12	26.367	.43500	541.00	173.2	1.506	.8990-01	.1162	-3.544	-.3280-01
12	26.367	.70200	546.00	526.5	4.578	.2702	.8215	-2.838	-.2894
12	26.367	.89100	551.00	266.3	2.316	.1367	.3021	-3.358	-.9000-01

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IHI1 INTEGRATED VEHICLE PRESSURE DATA

IHI1. MODEL 84-OTS. E.T..LO2 FEEDLINE BRACKET

E.T..LO2 FDLN BRKT

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(RG1G06)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P ₀ PSFA	P PSFA	Q PSF	T ₀ DEG R
12	2.495	.3590-01	2.163	1947.	114.9	500.7	287.8

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P/I/P	P/I/P0	CP(I)	CP(SI)	CP(SI)
12	19.767	.43500	540.00	330.1	2.872	.1695	.4297	-3.230	-1.1331
12	19.767	.70200	545.00	195.1	1.699	.1003	.1604	-3.499	-.4580-01
12	19.767	.89100	550.00	257.0	2.236	.1320	.2837	-3.376	-.8400-01
12	26.367	.43500	541.00	226.5	1.971	.1163	.2229	-3.437	-.6490-01
12	26.367	.70200	546.00	395.0	3.437	.2029	.5595	-3.100	-.1805
12	26.367	.89100	551.00	269.9	2.348	.1386	.3095	-3.350	-.9240-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, E.T.,LO2 FEEDLINE BRACKET

E.T.,LO2 FDLN BRKT

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(RG1606)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
12	2.495	-4.990	X10 6 2.164	1947.	114.9	500.7	287.7

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P(I/P	P/I/FO	CP(I)	CP(SI)	CP1/SI
12	19.767	.43500	540.00	453.3	3.944	.2328	.6759	-2.984	-.2265
12	19.767	.70200	545.00	239.2	2.081	.1228	.2481	-3.412	-.7270-01
12	19.767	.89100	550.00	249.7	2.173	.1283	.2692	-3.390	-.7940-01
12	26.367	.43500	541.00	306.0	2.662	.1571	.3815	-3.278	-.1164
12	26.367	.70200	546.00	421.9	3.671	.2167	.6131	-3.047	-.2012
12	26.367	.89100	551.00	263.8	2.295	.1355	.2973	-3.362	-.8840-01

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DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

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(RGIG07)

E.T., LO2 FDLN BRKT

IH11. MODEL 84-0T. E.T., LO2 FEEDLINE BRACKET

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	TO DEG R
21	2.495	-4.975	X10 ⁶ 2.159	1948.	115.0	500.9	288.3

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CP1/SI
21	19.767	.43500	540.00	426.1	3.705	.2187	.6210	-3.038	-.2044
21	19.767	.70200	545.00	251.7	2.189	.1292	.2730	-3.387	-.8060-01
21	19.767	.89100	550.00	259.3	2.255	.1331	.2881	-3.371	-.8540-01
21	26.367	.43500	541.00	150.7	1.310	.7730-01	.7120-01	-3.588	-.1980-01
21	26.367	.70200	546.00	89.38	.7772	.4590-01	.5120-01	-3.711	.1380-01
21	26.367	.89100	551.00	108.3	.9415	.5560-01	.1340-01	-3.673	.3700-02

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IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-0T. E.T. LO2 FEEDLINE BRACKET

E.T. LO2 FDLN BRKT

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(RGIG07)

E.T. LO2 FDLN BRKT

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P ₀ PSFA	P PSFA	Q PSF	TO DEG R
21	2.495	.9988-02	2.160	1948.	115.0	500.9	288.2

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁₁ PSFA	P _{1/P}	P _{1/F0}	CP(1)	CP(SI)	CPI(SI)
21	19.767	.43500	540.00	381.8	3.320	.960	.5327	-3.127	-.1704
21	19.767	.70200	545.00	273.3	2.377	.1403	.3161	-3.343	-.9460-01
21	19.767	.89100	550.00	352.7	3.067	.1811	.4746	-3.185	-.1490
21	26.367	.43500	541.00	138.3	1.203	.7100-01	.4650-01	-3.613	-.1290-01
21	26.367	.70200	546.00	114.1	.9924	.5360-01	-.1700-02	-3.661	.5000-03
21	26.367	.89100	551.00	156.6	1.362	.8040-01	-.8300-01	-3.576	-.2320-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-01. E.T. LO2 FEEDLINE BRACKET
E.T.,LO2 FDLN BRKT

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(RGIG07)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	T0 DEG R
21	2.495	4.971	X10 6 2.162	1949.	115.0	501.1	288.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/F0	CP(I)	CP(SI)	CP1/SI
21	19.767	.43500	540.00	344.2	2.992	.1766	.4573	-3.202	-.1428
21	19.767	.70200	545.00	282.5	2.456	.1450	.3343	-3.325	-.1005
21	19.767	.89100	550.00	290.5	2.526	.1491	.3503	-3.309	-.1058
21	26.367	.43500	541.00	131.5	1.144	.6750-01	.3290-01	-3.627	-.9100-02
21	26.367	.70200	546.00	196.5	1.708	.1008	.1626	-3.497	-.4650-01
21	26.367	.89100	551.00	204.8	1.780	.1051	.1791	-3.481	-.5150-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-01, E.T.1.102 FEEDLINE BRACKET

E.T.1.102 FDLN BRKT

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(RG1607)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁻⁶	P ₀ PSF A	P PSF A	Q PSF	TO DEG R
16	2.989	5.018	1.975	2455.	67.94	424.9	241.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1), CP(SI)	CP(SI)
16	19.767	.43500	540.00	202.8	2.984	.8260-01	.3173	-.5.300
16	19.767	.70200	545.00	162.5	2.391	.6620-01	.2224	-.5.395
16	19.767	.89100	550.00	232.5	3.422	.9470-01	.3873	-.5.230
16	26.367	.43500	541.00	73.14	1.076	.2980-01	.1220-01	-.5.605
16	26.367	.70200	546.00	120.2	1.769	.4300-01	.1230	-.5.495
16	26.367	.89100	551.00	119.4	1.758	.4860-01	.1211	-.5.496

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IHII INTEGRATED VEHICLE PRESSURE DATA

E.T..L02 FDLN BRKT

IHII. MODEL 84-01. E.T..L02 FEEDLINE BRACKET

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P ₀ PSFA	P ₀ PSFA	Q PSF	T ₀ DEG R
16	2.989	.1597-01	1.971	2451.	67.85	424.3	241.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P ₁ /P	P ₁ /P ₀	CP(1)	CP(SI)	CP(SI)
16	19.767	.43500	540.00	239.7	3.534	.9780-01	.4051	-5.212	-.7770-01
16	19.767	.70200	545.00	171.4	2.526	.6990-01	.2440	-5.373	-.4540-01
16	19.767	.89100	550.00	207.3	3.056	.8460-01	.3287	-5.289	-.6210-01
16	26.367	.43500	541.00	75.78	1.117	.7090-01	.1870-01	-5.599	-.3300-02
16	26.367	.70200	546.00	66.92	.9863	.6730-01	-.2200-02	-5.619	.4000-03
16	26.367	.89100	551.00	72.97	1.075	.2990-01	.1210-01	-5.605	-.2200-02

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IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OT, E.T., LO2 FEEDLINE BRACKET

E.T., LO2 FOLD BRKT

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
16	2.989	-5.000	1.979	2455.	67.94	424.9	240.6

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CP(S1)
16	19.767	.43500	540.00	288.1	4.240	.1173	.5181	-5.100	-.1016
16	19.767	.70200	545.00	197.0	2.900	.8030-01	.3038	-5.314	-.5720-01
16	19.767	.89100	550.00	142.0	2.090	.5780-01	.1743	-5.444	-.3200-01
16	26.367	.43500	541.00	122.1	1.797	.4970-01	.1274	-5.491	-.2320-01
16	26.367	.70200	546.00	49.26	.7250	.6010-01	.4400-01	-5.662	.7800-02
16	26.367	.89100	551.00	53.69	.7901	.2190-01	.3360-01	-5.651	.5900-02

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(RG1G07)

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IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-01. E.T..LO2 FEEDLINE BRACKET

E.T..LO2 FDLN BRKT

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(RG1G07)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P ₀ /PSFA	P/PSFA	Q/PSF	T ₀ DEG R
15	3.511	-5.022	1.828	3478.	44.88	387.3	211.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁ /PSFA	P ₁ /P	P ₁ /F0	CPI	CP(SI)	CP1/SI
15	19.767	.43500	540.00	228.8	5.098	.6580-01	.4749	-8.389	-.5660-01
15	19.767	.70200	545.00	189.6	4.224	.5450-01	.3736	-8.490	-.4400-01
15	19.767	.89100	550.00	121.3	2.703	.3490-01	.1973	-6.666	-.2280-01
15	26.367	.43500	541.00	81.99	1.827	.2360-01	.9580-01	-8.768	-.1090-01
15	26.367	.70200	546.00	30.41	.6776	.6700-02	-.3740-01	-8.901	.4200-02
15	26.367	.89100	551.00	29.56	.5586	.8500-02	-.3960-01	-8.903	.4400-02

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IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-0T. E.T.-LO2 FEEDLINE BRACKET

E.T.-LO2 FDLN BRKT

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(RGIG07)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	PO PSFA	P PSFA	Q PSF	TO DEG R
15	3.511	.2394-01	1.827	3481.	44.92	387.7	212.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P11) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CPI/S1
15	19.767	.43500	540.00	174.5	3.885	.5010-01	.3343	-8.529	-.3920-01
15	19.767	.70200	545.00	154.7	3.444	.4440-01	.2831	-8.380	-.3300-01
15	19.767	.89100	550.00	122.8	2.733	.3530-01	.2008	-6.663	-.2320-01
15	26.367	.43500	541.00	47.48	1.057	.1360-01	.6600-02	-8.857	-.7000-03
15	26.367	.70200	546.00	28.43	.6328	.6200-02	.4260-01	-8.906	.4800-02
15	26.367	.89100	551.00	42.38	.9434	.1220-01	.6600-02	-8.870	.7000-03

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-01. E.T., LO2 FEEDLINE BRACKET
(RG1607)

E.T., LO2 FDLN BRKT

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
			1.827	3478.	44.88	387.3	212.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CP(SI)
15	19.767	.43500	540.00	138.9	3.094	.3990-01	.2426	-8.621	-.2810-01
15	19.767	.70200	545.00	136.5	3.041	.3920-01	.2365	-8.627	-.2740-01
15	19.767	.89100	550.00	217.0	4.834	.6240-01	.4442	-8.419	-.5280-01
15	26.367	.43500	541.00	46.13	1.028	.1330-01	.3200-02	-8.860	-.4000-03
15	26.367	.70200	546.00	77.47	1.726	.6230-01	.8410-01	-8.779	-.9600-02
15	26.367	.89100	551.00	79.77	1.777	.2290-01	.9010-01	-8.773	-.1030-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-01. E.T.L02 FEEDLINE BRACKET

E.T.,L02 FDLN BRKT

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(RG1608)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P ₀ PSF A	P ^A PSF A	α PSF	θ TO DEG R
20	2.495	4.967	2.165	1950.	115.1	501.4	287.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CPI/SI
20	19.767	.43500	540.00	311.8	2.709	.1599	.3923	-.3.267	-.1201
20	19.767	.70200	545.00	209.5	1.820	.1074	.1883	-.3.471	-.5430-01
20	19.767	.89100	550.00	324.6	2.820	.1665	.4178	-.3.242	-.1289
20	26.367	.43500	541.00	185.9	1.615	.9540-01	.1413	-.3.518	-.4020-01
20	26.367	.70200	546.00	259.7	2.256	.1332	.2884	-.3.371	-.8550-01
20	26.367	.89100	551.00	265.3	2.305	.1361	.2996	-.3.360	-.8920-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-01. E.T.L02 FEEDLINE BRACKET

E.T.,L02 FDLN BRKT

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
20	2.495	.7995-02	X10 6 2.161	1949.	115.0	501.0	288.2

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P0	PI/PO	CP(1)	CP(S1)	CPI/S1
20	19.767	.43500	540.00	310.9	2.703	.1596	.3910	.3.269	-.1196
20	19.767	.70200	545.00	170.3	1.480	.8740-01	.1103	.3.549	-.3110-01
20	19.767	.89100	550.00	320.2	2.784	.1643	.4095	.3.250	-.1260
20	26.367	.43500	541.00	176.9	1.538	.9080-01	.1235	.3.536	-.3490-01
20	26.367	.70200	546.00	166.6	1.449	.6250-01	.1030	.3.557	-.2890-01
20	26.367	.89100	551.00	211.1	1.836	.1084	.1918	.3.468	-.5530-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

E.T..LO2 FDLN BRKT

IH11. MODEL 84-0T. E.T..LO2 FEEDLINE BRACKET

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
20	2.495	-4.953	2.163	1949.	115.1	501.2	288.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁₁ PSFA	P _{1/P}	P _{1/FO}	CPI(I)	CPI(SI)	CPI/SI
20	19.767	.43500	540.00	427.4	3.714	.2192	.6231	-3.037	-.2052
20	19.767	.70200	545.00	288.4	2.506	.1479	.3458	-3.314	-.1043
20	19.767	.89100	550.00	242.8	2.110	.1245	.2548	-3.405	-.7480-01
20	26.367	.43500	541.00	196.0	1.704	.1006	.1615	-3.498	-.4620-01
20	26.367	.70200	546.00	162.3	1.411	.E330-01	.9430-01	-3.565	-.2610-01
20	26.367	.89100	551.00	178.2	1.548	.9140-01	.1259	-3.534	-.3560-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

E.T..LO2 FDLN BRKT

IHII. MODEL 84-0T. E.T..LO2 FEEDLINE BRACKET

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(RG1608)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	PO PSFA	P PSFA	Q PSF	TO DEG R
17	2.989	-5.010	1.982	2455.	67.94	425.0	240.5

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(I)	CP(SI)	CPI/SI
17	19.767	.43500	540.00	268.5	3.951	.1093	.4712	-5.146	.9170-01
17	19.767	.70200	545.00	211.1	3.106	.8600-01	.3368	-5.281	.6380-01
17	19.767	.89100	550.00	130.9	1.927	.5330-01	.1482	-5.470	.2710-01
17	26.367	.43500	54.00	102.5	1.509	.4170-01	.8130-01	-5.537	.1470-01
17	26.367	.70200	546.00	102.8	1.513	.4190-01	.8200-01	-5.536	.1480-01
17	26.367	.89100	551.00	99.62	1.466	.4060-01	.7450-01	-5.544	.1340-01

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DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-01, E.T., LO2 FEEDLINE BRACKET

E.T., LO2 FDLN BRKT

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(RG1608)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P ₀ PSFA	α DEG R
17	2.989	- .3186-01	1.983	2455.	67.94	240.3

TEST DATA

RUN NUMBER	THETA X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CP(S1)
17	19.767	540.00	198.5	2.921	.8080-01	.3072	-5.311	-.5780-01
17	19.767	545.00	108.6	1.598	.4420-01	.9560-01	-5.523	-.1730-01
17	19.767	550.00	171.7	2.528	.6990-01	.2443	-5.374	-.4550-01
17	26.367	541.00	102.9	1.514	.4190-01	.8220-01	-5.536	-.1480-01
17	26.367	546.00	84.39	1.242	.3440-01	.3870-01	-5.580	-.6900-02
17	26.367	551.00	119.0	1.752	.4850-01	.1202	-5.498	-.2190-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-OT. E.T.-LO2, FEEDLINE BRACKET

E.T.-LO2 FOLN BRKT

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(RG1G08)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
17	2.989	4.975	X10 6 1.985	2456.	67.95	425.0	240.2

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/F0	CP(I)	CP(SI)	CPI/SI
17	19.767	.43500	540.00	229.7	3.381	.9350-01	.3806	-5.238	-.7270-01
17	19.767	.70200	545.00	112.1	1.649	.4560-01	.1038	-5.515	-.1880-01
17	19.767	.89100	550.00	219.4	3.229	.8930-01	.3564	-5.262	-.6770-01
17	26.367	.43500	541.00	94.52	1.391	.3950-01	.6250-01	-5.556	-.1130-01
17	26.367	.70200	546.00	138.0	2.030	.5620-01	.1647	-5.454	-.3020-01
17	26.367	.89100	551.00	157.6	2.319	.6420-01	.2108	-5.408	-.3900-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-01. E.T., L02 FEEDLINE BRACKET

E.T., L02 FDLN BRKT

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(RG1608)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
14	3.512	5.022	1.839	3479.	44.87	387.3	211.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P1/P	P1/PO	CP(1)	CP(SI)	CPI/SI
14	19.767	.43500	540.00	142.2	3.169	.4090-01	.2513	-8.615	.2920-01
14	19.767	.70200	545.00	69.09	1.540	.1990-01	.6260-01	-8.804	-.7100-02
14	19.767	.89100	550.00	146.5	3.256	.4210-01	.2625	-8.604	-.3050-01
14	26.367	.43500	541.00	63.90	1.424	.1840-01	.4920-01	-8.817	-.5600-02
14	26.367	.70200	546.00	88.07	1.963	.5330-01	.1116	-8.755	-.1270-01
14	26.367	.89100	551.00	105.2	2.344	.3020-01	.1557	-8.711	-.1790-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

E.T. .L02 FDLN BRKT
E.T. .L02 FDLN BRKT

IH11. MODEL 84-01. E.T..L02 FEEDLINE BRACKET

PARAMETRIC DATA

BETA = .0000

RUN NUMBER	MACH	ALPHA DEG.	***TEST CONDITIONS***			
			RN/FT /FT	P0 PSFA	P PSFA	Q PSF
14	3.512	.2394-01	1.837	3477.	44.84	387.1

RUN NUMBER	THETA	X/LREF	TAP NO	***TEST DATA***			
				P1/P PSFA	P1/F0	CP(1)	CP(SI)
14	19.767	.43500	540.00	168.1	3.750	.4840-01	.3186
14	19.767	.70200	545.00	130.8	2.916	.3760-01	.2220
14	19.767	.89100	550.00	106.4	2.371	.3060-01	.1589
14	26.367	.43500	541.00	72.55	1.618	.2090-01	.7160-01
14	26.367	.70200	546.00	64.39	1.436	.1850-01	.5050-01
14	26.367	.89100	551.00	72.55	1.618	.2090-01	.7160-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-01. E.T.-LO2 FEEDLINE BRACKET

E.T.-LO2 FDLN BRKT

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(RGIG08)

E.T.-LO2 FEEDLINE BRACKET

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P ⁰ PSFA	Q ₀ PSF	T ₀ DEG R
14	3.511	-4.983	1.831	3478.	44.87	387.3	211.6

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CPI/SI
14	19.767	.43500	540.00	205.5	4.580	.5910-01	.4148	-8.450	-4910-01
14	19.767	.70200	545.00	206.1	4.593	.5930-01	.4163	-8.448	-4930-01
14	19.767	.89100	550.00	81.80	1.823	.2350-01	.9540-01	-6.769	-1090-01
14	26.367	.43500	541.00	76.27	1.700	.2190-01	.8110-01	-8.783	-9200-02
14	26.367	.70200	546.00	91.08	2.030	.2620-01	.1193	-8.745	-1360-01
14	26.367	.89100	551.00	62.15	1.385	.1790-01	.4460-01	-8.820	-5100-02

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-0T. E.T..LO2 FEEDLINE BRACKET

E.T..LO2 FDLN BRKT

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(RG1609)

PARAMETRIC DATA

BETA * 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	PO PSFA	P PSFA	0 PSF	TO DEG R
19	2.495	-4.996	2.164	1950.	115.1	501.4	288.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P/I/P	P/I/PO	CP(I)	CP(SI)	CPI/SI
19	19.767	.43500	540.00	824.6	7.163	.4228	1.415	-2.245	-.6304
19	19.767	.70200	545.00	258.0	2.241	.1323	.2849	-3.375	-.8440-01
19	19.767	.89100	550.00	248.0	2.155	.1272	.2650	-3.395	-.7810-01
19	26.367	.43500	541.00	213.7	1.856	.1096	.1966	-3.463	-.5680-01
19	26.367	.70200	546.00	449.4	3.904	.2304	.6667	-2.993	-.2227
19	26.367	.89100	551.00	322.1	2.799	.1652	.4129	-3.247	-.1272

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DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-01, E.T.-LO2 FEEDLINE BRACKET

E.T.-LO2 FDLN BRKT

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(RG1609)

PARAMETRIC DATA

BETA = 5.000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
19	2.495	.1397-01	2.163	1950.	115.1	501.3	288.1

TEST CONDITIONS

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CP1/SI
19	19.767	.43500	540.00	437.5	3.801	.2244	.6431	-3.016	-.2132
19	19.767	.70200	545.00	264.0	2.294	.1254	.2971	-3.363	-.8840-01
19	19.767	.89100	550.00	232.9	2.023	.1194	.2319	-3.425	-.6860-01
19	26.367	.43500	541.00	168.3	1.463	.8530-01	.1062	-3.553	-.2990-01
19	26.367	.70200	546.00	523.2	4.545	.683	.8140	-2.846	-.2860
19	26.367	.89100	551.00	309.6	2.690	.1588	.3880	-3.272	-.1186

TEST DATA

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-01. E.T. LO2 FEEDLINE BRACKET

E.T..LO2 FDLN BRKT

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(RG1609)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	T DEG R
19	2.495	4.993	X10 ⁶ 2.164	1950.	115.1	501.5	288.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CP(SI)
19	19.767	.43500	540.00	276.6	2.402	.1418	.3219	-3.338	-.9650-01
19	19.767	.70200	545.00	362.1	3.145	.1857	.4925	-3.167	-.1555
19	19.767	.89100	550.00	263.8	2.292	.1353	.2965	-3.363	-.8820-01
19	26.367	.43500	541.00	152.7	1.327	.7830-01	.7500-01	-3.585	-.2090-01
19	26.367	.70200	546.00	709.6	6.164	.3639	.185	-2.474	-.4792
19	26.367	.89100	551.00	306.4	2.661	.1571	.3814	-3.278	-.1163

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-0T. E.T.L02 FEEDLINE BRACKET

E.T..L02 FDLN BRKT

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(RGIG09)

E.T..L02 FDLN BRKT

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSF A	P PSF A	Q PSF	TO DEG R
18	2.389	4.979	1.982	2456.	67.95	425.0	240.5

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P1/P	P1/FO	CP(1)	CP(SI)	CPI/SI
18	19.767	.43500	540.00	167.8	2.469	.6830-01	.2349	-5.383	-.4360-01
18	19.767	.70200	545.00	272.2	4.006	.1109	.4807	-5.138	-.9360-01
18	19.767	.89100	550.00	168.2	2.475	.6850-01	.2359	-5.382	-.4380-01
18	26.367	.43500	541.00	81.21	1.95	.7310-01	.3120-01	-5.587	-.5600-02
18	26.367	.70200	546.00	604.9	8.903	.2464	.1264	-4.355	-.2902
18	26.367	.89100	551.00	223.6	3.291	.9110-01	.3663	-5.252	-.6970-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-0T. E.T..LO2 FEEDLINE BRACKET

E.T..LO2 FDLN BRKT

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(RG1G09)

PARAMETRIC DATA

BETA = 5.000

*** TEST CONDITIONS ***

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	P0 PSFA	P PSFA	Q PSF	T0 DEG R
18	2.989	.1597-01	1.981	2452.	67.85	424.3	240.2

*** TEST DATA ***

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(S1)	CP1/S1
18	19.767	.43500	540.00	262.5	3.869	.1071	.4587	-5.160	-.8890-01
18	19.767	.70200	545.00	178.2	2.627	.7270-01	.2602	-5.358	-.4860-01
18	19.767	.89100	550.00	145.1	2.139	.5920-01	.1822	-5.436	-.3350-01
18	26.367	.43500	541.00	86.09	1.259	.3510-01	.4300-01	-5.575	-.7700-02
18	26.367	.70200	546.00	416.7	6.141	.699	.8220	-4.796	-.1714
18	26.367	.89100	551.00	205.7	3.032	.8390-01	.3249	-5.293	-.6140-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-01, E.T., LO2 FEEDLINE BRACKET

E.T., LO2 FDLN BRKT

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(RG1609)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	P0 PSFA	P PSFA	Q PSF	TO DEG R
18	2.989	-4.976	1.981	2452.	67.87	424.5	240.4

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(S1)	CP(S1)
18	19.767	.43500	540.00	369.7	5.447	.1507	.7110	-4.907	-.1449
18	19.767	.70200	545.00	155.5	2.291	.6340-01	.2064	-5.412	-.3810-01
18	19.767	.89100	550.00	147.7	2.177	.6020-01	.1882	-5.430	-.3470-01
18	26.367	.43500	541.00	105.7	1.558	.4310-01	.8920-01	-5.529	-.1610-01
18	26.367	.70200	546.00	332.1	4.893	.1354	.6224	-4.996	-.1246
18	26.367	.89100	551.00	211.2	3.113	.8610-01	.3378	-5.280	-.6400-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-0T. E.T.,LO2 FEEDLINE BRACKET

E.T.,LO2 FDLN BRKT

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(RG1609)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RN/FT /FT	P0 PSFA	P PSFA	Q PSF	TO DEG R
X10 6 1.850	3483.	44.90	387.6	210.2

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P1/P PSFA	P1/F0	CP(I)	CP(SI)	CP(SI)
13	19.767	.43500	540.00	272.9	6.078	.7840-01	.5882	-8.281	-.7100-01
13	19.767	.70200	545.00	133.8	2.980	.3840-01	.2293	-8.640	-.2650-01
13	19.767	.89100	550.00	93.02	2.072	.2670-01	.1242	-8.745	-.1420-01
13	26.367	.43500	541.00	74.73	1.665	.2150-01	.7700-01	-8.793	-.8800-02
13	26.367	.70200	546.00	235.0	5.235	.6750-01	.4905	-8.379	-.5850-01
13	26.367	.89100	551.00	124.3	2.769	.3570-01	.2049	-8.665	-.2370-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-0T. E.T.-L02 FEEDLINE BRACKET

E.T.-L02 FDLN BRKT

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(RG1609)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P ₀ PSFA	Q PSF	TO DEG R
13	3.512	.6002-02	1.844	3477.	44.84	387.0	210.5

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P0	CP(1)	CP(SI)	CP(SI)
13	19.767	.43500	540.00	170.1	3.793	.4890-01	.3235	-8.544
13	19.767	.70200	545.00	143.8	3.207	.4140-01	.2557	-8.612
13	19.767	.89100	550.00	103.7	2.313	.2980-01	.1521	-8.716
13	26.367	.43500	541.00	60.61	1.352	.1740-01	.4080-01	-8.827
13	26.367	.70200	546.00	315.2	7.030	.5060-01	.6985	-8.169
13	26.367	.89100	551.00	148.5	3.312	.4270-01	.2678	-8.600

ORIGINAL FROM
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DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

E.T., LO2 FDLN BRKT

IH11, MODEL 84-01, E.T., LO2 FEEDLINE BRACKET

PARAMETRIC DATA

BETA = 5.000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
13	3.512	5.006	1.844	3480.	44.87	367.4	210.6

TEST CONDITIONS

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CPI(I)	CP(SI)	CP1/SI
13	19.767	.43500	540.00	98.31	2.191	.2830-01	.1380	-8.730	-.1580-01
13	19.767	.70200	545.00	140.4	3.128	.4030-01	.2465	-8.622	-.2860-01
13	19.767	.89100	550.00	111.2	2.479	.3200-01	.1714	-8.697	-.1970-01
13	26.367	.43500	541.00	53.03	1.182	.1520-01	.2110-01	-8.847	-.2400-02
13	26.367	.70200	546.00	424.2	9.454	.1219	.9793	-7.889	-.1241
13	26.367	.89100	551.00	148.0	3.299	.4250-01	.2663	-8.602	-.3100-01

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CPI(I)	CP(SI)	CP1/SI
13	19.767	.43500	540.00	98.31	2.191	.2830-01	.1380	-8.730	-.1580-01
13	19.767	.70200	545.00	140.4	3.128	.4030-01	.2465	-8.622	-.2860-01
13	19.767	.89100	550.00	111.2	2.479	.3200-01	.1714	-8.697	-.1970-01
13	26.367	.43500	541.00	53.03	1.182	.1520-01	.2110-01	-8.847	-.2400-02
13	26.367	.70200	546.00	424.2	9.454	.1219	.9793	-7.889	-.1241
13	26.367	.89100	551.00	148.0	3.299	.4250-01	.2663	-8.602	-.3100-01

E.C OCT 80

INTEGRATED VEHICLE PRESSURE DATA

E.I. LO2 FOLN BRKT

MOD: 34-T E.I. LO2 FEEDLINE BACK

PARAMETRIC DATA

12G1017

BETA = -5.00J

TEST CONDITIONS

RUN NUMBER	MAC	ALPHA DEG.	PN/FT X10 ⁻⁶	P0 PSF	C _{FA}	Q PSF	TG P PSI
48	2.495	-4.943	2.159	1950.	1.5.1	30.1	34.5

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CF	CP(SI)	C ² I/SI
48	19.767	.43500	540.00	457.3	3.973	.2345	.6825	-2.377	.2293
48	19.767	.70200	545.00	280.8	2.440	.1440	.3305	-3.329	-.9930-01
48	19.767	.89100	550.00	302.1	2.625	.1549	.3730	-3.287	-.1135
48	26.367	.47500	541.00	173.9	1.511	.8920-01	.1172	-3.542	-.3310-01
48	26.367	.70200	546.00	174.1	1.513	.6330-01	.1177	-3.542	-.3320-01
48	26.367	.89100	551.00	144.5	1.256	.7410-01	.5870-01	-3.601	-.1630-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-T, E.T., LO2 FEEDLINE BRACKET
(RGIG13)

E.T., LO2 FDLN BRKT

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	TO DEG R
48	2.494	.5697-03	X10 6 2.158	1950.	115.1	501.4	288.6

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CP1/SI
48	19.767	.43500	540.00	334.8	2.908	.1717	.4381	-3.221	-.1360
48	19.767	.70200	545.00	233.2	2.026	.196	.2355	-3.424	-.6880-01
48	19.767	.89100	550.00	154.1	1.338	.7900-01	.7770-01	-3.582	-.2170-01
48	26.367	.43500	541.00	102.9	.8940	.5280-01	.2430-01	-3.684	.6600-02
48	26.367	.70200	546.00	160.8	1.397	.8250-01	.9110-01	-3.568	-.2550-01
48	26.367	.89100	551.00	136.5	1.186	.7000-01	.4270-01	-3.617	-.1180-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-T. E.T..LO2 FEEDLINE BRACKET

E.T..LO2 FDLN BRKT

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(RGIGI3)

E.T..LO2 FDLN BRKT

BETA = -5.000

TEST CONDITIONS

RUN	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	Q PSF	TO DEG R
NUMBER			X10 ⁻⁶			
48	2.494	5.015	2.157	1950.	115.1	288.7

TEST DATA

RUN	THETA	X/LREF	TAP NO	P11 PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CP(S1)
NUMBER									
48	19.767	.43500	540.00	230.4	2.001	.1181	.2299	-3.430	-.6700-01
48	19.767	.70200	545.00	135.7	1.179	.6960-01	.4100-01	-3.618	-.1130-01
48	19.767	.89100	550.00	151.1	1.313	.7750-01	.7180-01	-3.588	-.2000-01
48	26.367	.43500	541.00	92.12	.8001	.4720-01	-.4590-01	-3.705	-.1240-01
48	26.367	.70200	546.30	164.0	1.425	.6+10-01	-.9750-01	-3.562	-.2740-01
48	26.367	.89100	551.00	209.1	1.816	.1072	.1873	-3.472	-.5400-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-T, E.T., LO2 FEEDLINE BRACKET

E.T., LO2 FDLN BRKT

PAGE 1633
(RGIG13)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN	MACH	ALPHA DEG.	RN/FT /FT X10 6	P0 PSFA	P PSFA	Q PSF	T0 DEG R
43	2.989	5.026	1.989	2463.	68.15	426.2	240.4

TEST DATA

RUN	THETA	X/LREF	TAP NO	P(I) PSFA	P/I/P	P/I/FO	CP(I)	CP(SI)	CP(SI)	CPI/SI
43	19.767	.43500	540.00	139.7	2.050	.5670-01	.1679	-5.451	-3080-01	
43	19.767	.70200	545.00	69.14	1.015	.2810-01	.2300-02	-5.617	-4000-03	
43	19.767	.89100	550.00	83.96	1.232	.3410-01	.3710-01	-5.582	-6600-02	
43	26.367	.43500	541.00	46.98	.6894	.1910-01	.4970-01	-5.669	.8800-02	
43	26.367	.70200	546.00	83.96	1.232	.3410-01	.3710-01	-5.582	-6600-02	
43	26.367	.89100	551.00	121.0	1.776	.4910-01	.1241	-5.495	-2260-01	

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DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-T. E. T.-L02 FEEDLINE BRACKET

E. T.-L02 FDLN BRKT

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(RIGI13)

E. T.-L02 FDLN BRKT

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS						
RUN NUMBER	MACH	ALPHA DEG.	RN/FT FT X10 ⁶	P ₀ PSF A	P ₀ PSF A	Q ₀ PSF TO DEG R
43	2.989	.8997-02	1.984	2458.	68.02	425.4 240.4

TEST DATA						
RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P0	P1/F0
43	19.767	.43500	540.00	202.4	2.976	.8230-01
43	19.767	.70200	545.00	128.3	1.886	.5220-01
43	19.767	.89100	550.00	119.8	1.762	.4870-01
43	26.367	.43500	541.00	59.94	.8813	.2440-01
43	26.367	.70200	546.00	97.73	1.437	-.1900-01
43	26.367	.89100	551.00	74.96	1.102	.3380-01

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P0	P1/F0	CPI(SI)	CPI(SI)	CPI(SI)
43	19.767	.43500	540.00	202.4	2.976	.8230-01	-5.303	-5.303	-5.303
43	19.767	.70200	545.00	128.3	1.886	.5220-01	-1416	-5.477	-5.477
43	19.767	.89100	550.00	119.8	1.762	.4870-01	-1218	-5.497	-5.497
43	26.367	.43500	541.00	59.94	.8813	.2440-01	-1900	-5.637	-5.637
43	26.367	.70200	546.00	97.73	1.437	-.3380-01	-6980	-5.549	-5.549
43	26.367	.89100	551.00	74.96	1.102	.3050-01	-1630	-5.602	-5.602

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

E.T., L02 FEEDLINE BRACKET
E.T., L02 FDLN BRKT

PAGE 1635
(RGIG13)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
43	2.989	-4.938	1.986	2460.	68.06	425.7	240.3

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CP1/SI
43	19.767	.43500	540.00	277.0	.4.071	.1126	.4909	-5.128	-.9570-01
43	19.767	.70200	545.00	182.2	2.678	.7410-01	.2682	-5.350	-.5010-01
43	19.767	.89100	550.00	168.8	2.480	.6860-01	.2366	-5.382	-.4400-01
43	26.367	.43500	541.00	83.50	1.227	.7390-01	.3630-01	-5.582	-.6500-02
43	26.367	.70200	546.00	106.4	1.563	.4320-01	.9000-01	-5.529	-.1630-01
43	26.367	.89100	551.00	82.73	1.216	.3360-01	.3450-01	-5.584	-.6200-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL B4-T. E.T. L02 FEEDLINE BRACKET

E.T. L02 FDLN BRKT

E.T. L02 FDLN BRKT

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
42	3.512	-4.935	1.845	3481.	44.89	387.5	210.5

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁ PSF A	P ₁ /P	P ₁ /FO	CP(11)	CP(S1)	CP1/S1
42	19.767	.43500	540.00	202.7	4.516	.5820-01	.4072	-8.461	-.4810-01
42	19.767	.70200	545.00	128.7	2.867	.3700-01	.2162	-8.652	-.2500-01
42	19.767	.89100	550.00	107.3	2.390	.3080-01	.1610	-8.707	-.1850-01
42	26.367	.43500	541.00	47.92	1.068	.1380-01	.7800-02	-8.860	-.9000-03
42	26.367	.70200	546.00	52.86	1.178	.1520-01	.2060-01	-8.848	-.2300-02
42	26.367	.89100	551.00	48.34	1.077	.1390-01	.6900-02	-8.859	-.1000-02

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-T. E.T.L02 FEEDLINE BRACKET
E.T.L02 FDLN BRKT

PAGE 1637
(RGIG13)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P0 PSFA	Q TO DEG R
42	3.512	.6188-02	X10 6 1.841	3480.	44.87	387.4 210.8

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P(I)/P0	P(I)/P0	CP(I)	CP(SI)	CP(SI)
42	19.767	43500	540.00	148.1	3.299	.4250-01	.2664	-8.601	-.3100-01
42	19.767	.70200	545.00	83.58	1.862	.2940-01	.9990-01	-8.767	-.1140-01
42	19.767	.89100	550.00	72.07	1.606	.2070-01	.7020-01	-8.797	-.8000-02
42	26.367	43500	541.00	38.04	1.876	.1090-01	.1770-01	-8.886	.2000-02
42	26.367	.70200	546.00	61.07	1.361	.1750-01	.4180-01	-8.825	-.4700-02
42	26.367	.89100	551.00	47.42	1.057	.1360-01	.6600-02	-8.861	-.7000-03

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-T. E.T..LO2 FEEDLINE BRACKET

E.T..LO2 FDLN BRKT

PAGE 1638
(RGIG13)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P ₀ PSF A	P ₀ PSF	Q DEG R
42	3.512	5.023	1.838	3479.	44.87	387.3
						211.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P1/P	P1/P0	CP'(1)	CP(SI)	CP(SI)	CP(SI)
42	19.767	.43500	540.00	92.22	2.055	.2650-01	.1222	-8.744	-1400-01	
42	19.767	.70200	545.00	40.21	.8962	.1160-01	.1200-01	-8.878	.1400-02	
42	19.767	.89100	550.00	50.96	1.136	.1460-01	.1570-01	-6.851	-.1800-02	
42	26.367	.43500	541.00	27.17	.6055	.7900-02	.4570-01	-8.912	.5100-02	
42	26.367	.70200	546.00	51.38	1.145	.1480-01	.680-01	-8.849	-.1900-02	
42	26.367	.89100	551.00	70.05	1.561	.2010-01	.6500-01	-8.801	-.7400-02	

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DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

E.T.-LO2 FDLN BRKT

IHII, MODEL 84-T, E.T.-LO2 FEEDLINE BRACKET

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P ₀ PSF A	P ₀ PSF	Q TO DEG R
47	2.495	5.043	X10.6 2.166	1952.	115.2	501.9 268.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁ (1) PSF A	P ₁ /P ₀	CPI(1)	CP(SI)	CPI(SI)
47	19.767	.43500	540.00	153.0	1.328	.7840-01	.7520-01	-3.585
47	19.767	.70200	545.00	163.7	1.421	.8390-01	.9660-01	-3.563
47	19.767	.89100	550.00	149.8	1.300	.7670-01	.6890-01	-3.591
47	26.367	.43500	541.00	144.9	1.259	.7430-01	.5920-01	-1.1920-01
47	26.367	.70200	546.00	166.8	1.448	.6550-01	.1029	-3.600
47	26.367	.89100	551.00	151.6	1.316	.7770-01	.7250-01	-3.557
								-.2020-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-T. E.T., LO2 FEEDLINE BRACKET

E.T., LO2 FDLN BRKT

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(RG1614)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	TO DEG R
47	2.495	-4.943	X10.6 2.159	1950.	115.1	501.4	288.5

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CP1/SI
47	9.767	.43500	54.00	395.5	3.436	.2028	.5592	-3.100	-.1804
47	19.767	.70200	54.50	254.3	2.209	.1304	.2776	-3.382	-.8210-01
47	19.767	.89100	55.00	158.6	1.378	.8130-01	.8670-01	-3.573	-2.30-01
47	26.367	.43500	54.100	137.0	1.190	.7030-01	.4370-01	-3.616	-.1210-01
47	26.367	.70200	54.600	162.5	1.412	.6330-01	.9450-01	-3.565	-.2650-01
47	26.367	.89100	55.100	169.8	1.475	.8710-01	.1091	-3.550	-.3070-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

E.T..L02 FDLN BRKT
E.T..L02 FDLN BRKT

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(RGIGI4)

IH11. MODEL 84-T. E.T..L02 FEEDLINE BRACKET
PARAMETRIC DATA

BETA = .0000

*** TEST CONDITIONS ***

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	TO DEG R
44	2.989	-4.938	X10 6 1.986	2457.	67.97	425.2	240.1

*** TEST DATA ***

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CP1/SI
44	19.767	.43500	540.00	215.0	3.163	.8750-01	.3459	-.5.273	-.6560-01
44	19.767	.70200	545.00	168.9	2.485	.6880-01	.2374	-.5.381	-.4410-01
44	19.767	.89100	550.00	95.89	1.411	.3900-01	.6570-01	-.5.553	-.1180-01
44	26.367	.43500	541.00	81.32	1.196	.2310-01	.3140-01	-.5.587	-.5600-02
44	26.367	.70200	546.00	97.34	1.432	.3360-01	.6910-01	-.5.550	-.1240-01
44	26.367	.89100	551.00	103.0	1.5.5	.4190-01	.8230-01	-.5.536	-.1490-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-T. E.T., LO2 FEEDLINE BRACKET

E.T., LO2 FDLN BRKT

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(RGIG14)

E.T., LO2 FDLN BRKT

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
44	2.989	.3379-02	X10 ⁶ 1.987	2455.	67.91	424.8	240.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CPI/SI
44	19.767	.43500	540.00	153.9	2.265	.6270-01	.2023	-5.416	-.3730-01
44	19.767	.70200	545.00	104.6	1.541	.4260-01	.8640-01	-5.532	-.1560-01
44	19.767	.89100	550.00	103.5	1.524	.4220-01	.8380-01	-5.535	-.1510-01
44	26.367	.43500	541.00	76.66	1.129	.7120-01	.2060-01	5.598	-.3700-02
44	26.367	.70200	546.00	100.1	1.474	.4080-01	.7580-01	-5.543	-.1370-01
44	26.367	.89100	551.00	126.2	1.858	.5140-01	.1372	-5.492	-.2500-01

DATE 01 OCT 80

[H1] INTEGRATED VEHICLE PRESSURE DATA

E.T., LO2 FDLN BRKT
E.T., LO2 FEEDLINE BRACKET

I[H1], MODEL 84-1, E.T., LO2 FEEDLINE BRACKET

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(RG1G14)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁻⁶	P ₀ PSFA	P PSFA	Q PSF	TO DEG R
44	2.989	5.026	1.986	2457.	67.98	425.2	240.2

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CP(SI)
44	19.767	.43500	540.00	89.44	1.316	.3640-01	.5050-01	-5.568	-.9100-02
44	19.767	.70200	545.00	81.43	1.198	.3310-01	.3160-01	-5.587	-.5700-02
44	19.767	.89100	550.00	82.96	1.221	.3380-01	.3520-01	-5.583	-.6300-02
44	26.367	.43500	541.00	74.18	1.091	.7020-01	.1460-01	-5.604	-.2600-02
44	26.367	.70200	546.00	86.37	1.271	.1520-01	.4330-01	-5.575	-.7800-02
44	26.367	.89100	551.00	82.19	1.209	.3350-01	.3340-01	-5.585	-.6000-02

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DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-T. E.T..L02 FEEDLINE BRACKET

E.T..L02 FDLN BRKT

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(RGIG14)

PARAMETRIC DATA

BETA = .00000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT. X10 ⁶	PO PSFA	P PSFA	Q PSF	T ₀ DEG R
41	3.512	5.040	1.859	3483.	44.88	387.6	209.4

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P0	CP(1)	CP(SI)	CP1/SI
41	19.767	43500	540.00	36.81	.8202	.1060-01	-.2080-01	-8.893
41	19.767	.70200	545.00	50.02	1.115	.1440-01	.1330-01	-8.859
41	19.767	.89100	550.00	54.54	1.215	.1570-01	.2490-01	-.847
41	26.367	435n0	541.00	70.55	1.572	.2030-01	.6620-01	-.2800-02
41	26.367	.70200	546.00	41.93	.9341	.1200-01	.7600-02	-.7500-02
41	26.367	.89100	551.00	52.15	1.162	.1500-01	.1880-01	.9000-03

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-T, E.T., LO2 FEEDLINE BRACKET

E.T., LO2 FDLN BRKT

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(RGIG14)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	P0 PSFA	P PSFA	Q PSF	T0 DEG R
41	3.512	.1462-01	1.852	3480.	44.86	387.3	209.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P/I/P	P/I/FO	CP(I)	CP(SI)	CP(SI)
41	19.767	.43500	540.00	80.46	1.794	.2310-01	.9190-01	-8.778	-.1050-01
41	19.767	.70200	545.00	62.73	1.398	.1800-01	.4610-01	-8.824	-.5200-02
41	19.767	.89100	550.00	67.33	1.501	.1930-01	.5800-01	-8.812	-.6600-02
41	26.367	.43500	541.00	50.03	1.115	.1440-01	.1330-01	-8.857	-.1500-02
41	26.367	.70200	546.00	59.06	1.317	.1700-01	.3670-01	-8.814	-.4200-02
41	26.367	.89100	551.00	77.31	1.723	.2220-01	.8380-01	-8.786	-.9500-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

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(RGIG14)

E. T. LO2 FDLN BRKT.

IH11. MODEL 84-T. E.T. LO2 FEEDLINE BRACKET

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
41	3.512	-4.935	1.848	3480.	44.86	387.3	210.2

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P1/P PSFA	P1/F0	CP(1)	CP(S1)	CPI/SI
41	19.767	.43500	540.00	164.2	3.661	.4720-01	.3082	-8.561
41	19.767	.70200	545.00	134.7	3.004	.3870-01	.2321	-8.637
41	19.767	.89100	550.00	66.13	1.474	.1900-01	.5490-01	-8.814
41	26.367	.43500	541.00	58.29	1.300	.1580-01	.3470-01	-8.834
41	26.367	.70200	546.00	63.24	1.410	.1820-01	.4750-01	-8.822
41	26.367	.89100	551.00	68.78	1.533	.1980-01	.6180-01	-8.808

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

E.T..LO2 FDLN BRKT
E.T..LO2 FEEDLINE BRACKET

PAGE 1647
(RGIG15)

PARAMETRIC DATA

BETA = 5.000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	TO DEG R
46	2.494	-4.949	X10 6 2.157	1946.	114.9	500.4	288.3

TEST CONDITIONS

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P/I/P	P/I/PO	CP(I)	CP(SI)	CP(SI)
46	19.767	.43500	540.00	220.3	1.918	.1132	.2106	-3.449	-6110-01
46	19.767	.70200	545.00	279.8	2.436	.1438	.3297	-3.330	-9900-01
46	19.767	.89100	550.00	238.0	2.072	.1223	.2461	-3.413	-7210-01
46	26.367	.43500	541.00	194.3	1.691	.9980-01	.1587	-3.501	-4530-01
46	26.367	.70200	546.00	441.2	3.840	.2267	.6521	-3.007	-2168
46	26.367	.89100	551.00	366.0	3.186	.1881	.5019	-3.157	-1589

TEST DATA

DATE 01 OCT 80

IHI1 INTEGRATED VEHICLE PRESSURE DATA

IHI1. MODEL 84-T. E.T. LO2 FEEDLINE BRACKET

E.T. LO2 FDLN BRKT

PAGE 1648
(RGIG15)

PARAMETRIC DATA

BETA = 5.000

•••TEST CONDITIONS•••

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P0 PSF A	P PSF A	Q PSF	T0 DEG R
46	2.495	.8997-02	2.166	1952.	115.2	501.8	288.0

•••TEST DATA•••

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P1/P	P1/F0	CP(1)	CP(SI)	CP1/SI
46	19.767	.43500	540.00	123.7	1.074	.6340-01	.1690-01	-3.643	-.4600-01
46	19.767	.70200	545.00	167.5	1.454	.8580-01	.1041	-3.556	-.2930-01
46	19.767	.89100	550.00	142.8	1.240	.7320-01	.5500-01	-3.605	-.1530-01
46	26.367	.43510	541.00	223.9	1.944	.1147	.2167	-3.443	-.6290-01
46	26.367	.70200	546.00	213.1	1.850	.1092	.1951	-3.465	-.5630-01
46	26.367	.89100	551.00	196.2	1.703	.1005	.1614	-3.498	-.4610-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-T. E.T..LO2 FEEDLINE BRACKET

E.T..LO2 FDLN BRKT

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(RG15)

PARAMETRIC DATA

BETA = 5.000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X ¹⁰ 6	P ₀ PSFA	P ₀ PSFA	Q ₀ PSF	T ₀ DEG R
46	2.495	5.040	2.167	1952.	115.2	501.9	288.0

TEST CONDITIONS

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁ PSFA	P ₁ /P	P ₁ /F ₀	CP(1)	CP(SI)	CP(1/SI)
46	19.767	.43500	540.00	90.70	.7872	.4650-01	.4880-01	-3.709	.1320-01
46	19.767	.70200	545.00	124.3	.079	.6370-01	.1810-01	-3.642	-.5000-02
46	19.767	.89100	550.00	123.0	.068	.6300-01	.1550-01	-3.644	-.4300-02
46	26.367	.43500	541.00	146.2	.269	.7490-01	.6170-01	-3.598	-.1720-01
46	26.367	.70200	546.00	168.2	.460	.6620-01	.1055	-3.554	-.2970-01
46	26.367	.89100	551.00	137.6	.194	.7050-01	.4460-01	-3.615	-.1230-01

TEST DATA

ORIGINAL PAGE IS
OF GOOD QUALITY

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-T. E.T..LO2 FEEDLINE BRACKET

E.T..LO2 FDLN BRKT

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(RGIG15)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
46	2.495	.2585-01	2.166	1953.	115.3	502.2	288.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P ₁ /P	P ₁ /P ₀	CP(1)	CP(SI)	CPI/SI
46	19.767	.43500	540.00	264.4	2.294	.1354	.2970	-3.363	.8830-01
46	19.767	.70200	545.00	172.9	1.499	.8850-01	.14E	-3.545	.3230-01
46	19.767	.89100	550.00	176.1	1.528	.9020-01	.1c11	-3.539	.3420-01
46	26.367	.43500	541.00	125.7	1.090	.6440-01	.2080-01	-3.639	.5700-02
46	26.367	.70200	546.00	200.7	1.741	.1028	.1702	-3.490	.4880-01
46	26.367	.89100	551.00	216.1	1.874	.1106	.2007	-3.459	.5800-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-T. E.T..LO2 FEEDLINE BRACKET

E.T..LO2 FDLN BRKT

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(RGIG15)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	TO DEG R
45	2.989	5.023	1.986	2456.	67.94	425.0	240.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CP(SI)
45	19.767	.43500	540.00	43.07	.6339	.1750-01	-.5850-01	-5.677	.1030-01
45	19.767	.70200	545.00	62.16	.9149	.2530-01	-.1360-01	-5.632	.2400-02
45	19.767	.89100	550.00	66.51	.9788	.2710-01	-.3400-02	-5.622	.6000-03
45	26.367	.43500	541.00	87.30	1.285	.7560-01	-.4560-01	-5.573	.8200-02
45	26.367	.70200	546.00	92.67	1.364	.3770-01	-.5820-01	-5.560	.1050-01
45	26.367	.89100	551.00	81.59	1.201	.3320-01	-.3210-01	-5.586	.5700-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-T. E.T.-LO2 FEEDLINE BRACKET
E.T.-LO2 FDLN BRKT

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(RGIG15)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	FO PSFA	P PSFA	Q PSF	T0 DEG R
45	2.989	.1742-01	X10.6 1.985	2454.	67.91	424.7	240.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CPI/SI
45	19.767	.43500	540.00	73.21	1.078	.2980-01	.1250-01	-5.606	-.2200-02
45	19.767	.70200	545.00	95.80	1.411	.3900-01	.6570-01	-5.553	-.1180-01
45	19.767	.89100	550.00	83.01	1.222	.3380-01	.3560-01	-5.583	-.6400-02
45	26.367	.43500	541.00	133.2	1.962	.5430-01	.1538	-5.465	-.2810-01
45	26.367	.70200	546.00	136.0	2.003	.5540-01	.1604	-5.458	-.2940-01
45	26.367	.89100	551.00	119.9	1.766	.4890-01	.1225	-5.496	-.2230-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-T, E.T..LO2 FEEDLINE BRACKET

E.T..LO2 FDLN BRKT

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(RGIGIS)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
45	2.989	-4.952	1.987	2456.	67.94	425.0	240.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CP1/SI
45	19.767	.43500	540.00	107.6	1.583	.4380-01	.9320-01	-5.526	-.1690-01
45	19.767	.70200	545.00	173.4	2.552	.7060-01	.2481	-5.371	-.4620-01
45	19.767	.89100	550.00	143.5	2.111	.5840-01	.1777	-5.441	-.3270-01
45	26.367	.43500	541.00	137.9	2.030	.5520-01	.1646	-5.454	-.3020-01
45	26.367	.70200	546.00	301.2	4.433	.1226	.5488	-5.070	-.1082
45	26.367	.89100	551.00	238.1	3.505	.9700-01	.4005	-5.218	-.7670-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

E.T..LO2 FOLN BRKT

IHII. MODEL 84-T. E.T..LO2 FEEDLINE BRACKET

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(RGIG15)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	PN/FT X10 ⁶	PO PSFA	P PSFA	$\frac{\partial}{\partial S}$ PSF	$\frac{\partial}{\partial S}$ DEG R
40	3.513	-4.949	1.886	3481.	44.79	387.0	207.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CP(S1)
40	19.767	.43500	540.00	71.49	1.596	.2050-01	.6900-01	-8.811	-.7800-02
40	19.767	.70200	545.00	116.1	2.593	.3340-01	.1844	-8.695	-.2120-01
40	19.767	.89100	550.00	86.49	1.931	.2480-01	.1077	-8.772	-.1230-01
40	26.367	.43500	541.00	130.9	2.922	.2760-01	.2224	-8.657	-.2570-01
40	26.367	.70200	546.00	225.9	5.045	.6490-01	.4681	-8.411	-.5570-01
40	26.367	.89100	551.00	163.7	3.656	.4700-01	.3074	-8.572	-.3590-01

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DATE 01 OCT 80

INTEGRATED VEHICLE PRESSURE DATA

IHI 1 INTEGRATED VEHICLE PRESSURE DATA IHI 1, MODEL 84-T, E.I. LO2 FEEDLINE BRACKET

E.T., L02 FDLN BRKT

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IHI 1 INTEGRATED VEHICLE PRESSURE DATA
IHI 1, MODEL 84-1, E.T., LOZ FEEDLINE BRACKET
(RGIG15)

BETAS = 5000

TEST CONDITIONS						
RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	10 DEG R
40	3.512	.6188-02	X10 6 1.864	3481.	44.85	387.3
TEST DATA						
RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO CP(1)
40	19.767	.43500	540 .00	42.32	.9437	.1220-01
40	19.767	.70200	545 .00	54.92	1.225	.1580-01
40	19.767	.89100	550 .00	52.45	1.170	.1510-01
40	26.367	.43500	541 .00	93.74	2.090	.2690-01
40	26.367	.70200	546 .00	88.98	1.984	.2360-01
40	26.367	.89100	551 .00	82.97	1.857	.2750-01

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IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-1. E.T. LO2 FEEDLINE BRACKET

E.T. LO2 FDLN BRKT

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(RGIG15)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P ₀ PSF	Q DEG R
40	3.512	5.040	1.859	3483.	44.88	387.5 209.4

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CP1/SI
40	19.767	.43500	540.00	25.33	.6644	.7300-02	.5040-01	-8.923	.5700-02
40	19.767	.70200	545.00	33.34	.7429	.9600-02	-.2980-01	-8.902	.3300-02
40	19.767	.89100	550.00	39.90	.6891	.1150-01	-.1280-01	-6.885	.1400-02
40	26.367	.43500	541.00	61.80	1.377	1.770-01	.4370-01	-8.828	-.4900-02
40	26.367	.70200	546.00	58.90	1.312	.1690-01	.3620-01	-8.836	-.4100-02
40	26.367	.89100	551.00	55.66	1.240	.1600-01	.2780-01	-8.844	-.3100-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-OTS, E.T..LO2 ANTIGEYSER FRNG

E.T..LO2 AGZR FRNG

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
3	2.495	-5.000	2.160	1945.	114.8	500.1	287.8

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP(SI)
3	31.790	.36300	553.00	312.8	2.725	.1609	.3960	-3.264	-.1213
3	32.770	.37300	555.00	133.5	1.163	.6860-01	.3740-01	-3.622	-.1030-01
3	33.750	.36300	554.00	129.4	1.127	.6650-01	.2920-01	-3.630	-.8000-02

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(RG1H01)

E. T., L02 AGZR FRNG

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-0TS. E. T., L02 ANTI GEYSER FRNG

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P PSFA	Q PSF	T ₀ DEG R
3	2.495	.4009-02	2.160	1946.	114.9	500.3	288.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P0	P1/FO	CP(1)	CP(S1)	CP(S1)	CP1/S1
3	31.790	.36300	553.00	262.2	2.283	.1348	.2945	-3.365	-8750-01	
3	32.770	.37300	555.00	141.5	1.232	.7270-01	.5320-01	-3.606	-1470-01	
3	33.750	.36300	554.00	100.3	.8729	.5150-01	-.2920-01	-3.689	.7900-02	

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-OTS, E.T.,LO2 ANTI GEYSER FRNG

E.T.,LO2 AGZR FRNG

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(RGIM01)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P0 PSFA	TO DEG R
3	2.495	5.016	X10 6 2.161	1946.	114.9	500.3 287.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P0	CP(1)	CP(SI)	CP(SI)
3	31.790	.36300	553.00	188.5	1.641	.9690-01	.1472	-3.512
3	32.770	.37300	555.00	128.2	1.117	.6590-01	.2680-01	-3.633
3	33.750	.36300	554.00	117.7	1.025	.6050-01	.5800-02	-3.654

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-OTS, E.T. LO2 ANTI GEYSER FRNG

E.T. LO2 AGZR FRNG

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(RGIH01)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁻⁶	PO PSFA	P ⁰ PSFA	PSF	T ⁰ DEG R
9	2.989	5.010	1.966	2449.	67.80	424.0	241.5

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CP(S1)
9	31.790	.36300	553.00	118.0	1.741	.4820-01	.1185	-5.498	-.2160-01
9	32.770	.37300	555.00	83.56	1.233	.3410-01	.3720-01	-5.580	-.6700-02
9	33.750	.36300	554.00	90.47	1.334	.3690-01	.5350-01	-5.563	-.9600-02

DATE 01 OCT 80

IHI1 INTEGRATED VEHICLE PRESSURE DATA

IHI1. MODEL 84-OTS, E.T., LO2 ANTI GEYSER FRNG

E.T., LO2 AGZR FRNG

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(RG1H01)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
9	2.989	-4.988	X10.6 1.987	2451.	67.80	424.1	239.6

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CP(SI)	CPI/SI
9	31.790	.36300	553.00	167.6	2.472	.6840-01	.2354	-5.383	-4.370-01	
9	32.770	.37300	555.00	91.99	1.357	.3750-01	.5700-01	-5.562	-.1030-01	
9	33.750	.36300	554.00	108.3	1.598	.4420-01	.9560-01	-5.523	-.1730-01	

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, E.T., LO2 ANTI GEYSER FRNG

E.T., LO2 AGZR FRNG

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(RG1H01)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P ₀ PSFA	P PSFA	Q PSF	T ₀ DEG R
9	2.989	.1397-01	1.986	2449.	67.75	423.8	239.6

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P PSFA	P1/F0	CP(1)	CP(SI)	CP(SI)
9	31.790	.36300	553.00	149.6	2.208	.6110-01	.1931	-5.426	-.3560-01
9	32.770	.37300	555.00	77.04	1.137	.3150-01	.2190-01	-5.597	-.3900-02
9	33.750	.36300	554.00	72.95	1.077	.2980-01	.1230-01	-5.606	-.2200-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-OTS, E.T., LO2 ANTI GEYSER FRNG
(RG1H01)

E.T., LO2 AGZR FRNG

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RH/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
9	2.989	4.983	1.986	2451.	67.82	424.2	239.8

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P/I/P	P/I/F0	CP(I)	CP(SI)	CP(SI)
9	31.790	.36300	553.00	120.1	1.771	.4900-01	.1232	-5.495	-.2240-01
9	32.770	.37300	555.00	79.38	1.170	.3210-01	.2730-01	-5.591	-.4900-02
9	33.750	.36300	554.00	90.03	1.328	.3670-01	.5240-01	-5.566	-.9400-02

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-0TS. E.T.-LO2 ANTIGEYSER FRNG

E.T.-LO2 AGZR FRNG

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(RG1H01)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
6	3.510	-4.970	1.808	3477.	44.92	387.5	213.7

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁ PSF A	P ₁ /P	P ₁ /P ₀	CP(1)	CP(SI)	CP(1/SI)
6	31.790	.36300	553.00	97.64	2.174	.2810-01	.1361	-8.722	-.1560-01
6	32.770	.37300	555.00	73.42	1.634	.2110-01	.7360-01	-8.784	-.8400-02
6	33.750	.36300	554.00	81.61	1.817	.2350-01	.9470-01	-6.763	-.1080-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

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(RG1H01)

E.T., LO2 AGZR FRNG

IH11. MODEL 84-OTS, E.T., LO2 ANTI GEYSER FRNG

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P ₀ PSFA	TO DEG R
6	3.510	-.5379-01	1.804	3476.	44.91	213.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CP1/SI
6	31.790	.36300	553.00	90.82	2.022	.2610-01	.1165	-8.738	-.1360-01
6	32.770	.37300	555.00	56.19	1.251	.1620-01	.2910-01	-8.828	-.3300-02
6	33.750	.36300	554.00	57.05	1.270	.1640-01	.3130-01	-6.826	-.3500-02

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-OTS. E.T.,LO2 ANTIGEYSER FRNG

E.T.,LO2 AGZR FRNG

PAGE 1666
(RGTH01)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	PO PSFA	P PSFA	Q PSF	T0 DEG R
6	3.510	5.024	1.804	3474.	44.89	387.2	213.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CPI/SI
6	31.790	.36300	553.00	80.85	1.801	.2330-01	.9290-01	-8.764	-.1060-01
6	32.770	.37300	555.00	56.36	1.255	.1620-01	.2960-01	-8.827	-.3400-02
6	33.750	.36300	554.00	57.30	1.276	.1650-01	.3200-01	-6.825	-.3600-02

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IHI1. INTEGRATED VEHICLE PRESSURE DATA
IHI1. MODEL 84-OTS. E.T.,LO2 ANTI GEYSER FRNG
E.T.,LO2 AGZR FRNG

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS
RUN MACH ALPHA P0 Q TO
NUMBER DEG. PSFA PSFA PSF DEG R
2 2.495 5.028 X10.6 1945. 114.8 500.2 287.8

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P/I/P	P/I/F0	CP(I)	CP(SI)	CP(SI)
2	31.790	.36300	553.00	346.8	3.020	.1783	.4638	-3.196	-.1451
2	32.770	.37300	555.00	106.3	.9260	.5470-01	-.1700-01	-3.676	.4600-02
2	33.750	.36300	554.00	53.02	.4617	.2730-01	-.1236	-3.783	.3270-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-0TS. E.T..LO2 ANTI GEYSER FRNG
E.T..LO2 AGZR FRNG

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(RGJH02)

E.T..LO2 AGZR FRNG

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
2	2.495	-.2788-01	2.160	1946.	114.9	500.3	288.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁) PSF A	P ₁ /P	P ₁ /P ₀	CP(1)	CP(S1)	CP(1/S1)
2	31.790	.36300	553.00	334.5	2.913	.1719	.4391	-3.220	-.1364
2	32.770	.37300	555.00	98.44	.8571	.5060-01	-.3280-01	-3.692	.8900-02
2	33.750	.36300	554.00	110.1	.9588	.5660-01	-.9500-02	-3.669	.2600-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS. E.T..LO2 ANTI GEYSER FRNG
(RG1H02)

E.T..LO2 AGZR FRNG

PARAMETRIC DATA

BETA = .0000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	TO DEG R
2	2.495	-4.996	2.162	1946.	114.9	500.4	287.8

TEST CONDITIONS

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(SI)	CPI/SI
2	31 790	.36300	553.00	364.1	3.170	.1871	.4981	-3.162	.1576
2	32 770	.37300	555.00	115.5	1.006	.5940-01	.1300-02	-3.658	.4000-03
2	33 750	.36300	554.00	144.1	1.255	.7410-01	.5850-01	-3.601	.1620-01

TEST DATA

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-015, E.T.-LO2 ANTI GEYSER FRNG

E.T.-LO2 AGZR FRNG

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(RG1H02)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P _A PSF A	$\frac{\partial}{\partial}$ PSF	T ₀ DEG R
8	2.989	5.010	1.990	2453.	67.87	424.6	239.6

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P1/P PSF A	P1/FO PSF A	CP(1) CP(S1)	CP(S1) CP(1)
8	31.790	.36300	553.00	181.6	2.676	.7400-01	.2679	-5.351
8	32.770	.37300	555.00	54.36	.8009	.2220-01	-.3180-01	-5.651
8	33.750	.36300	554.00	32.81	.4834	.1340-01	-.8260-01	.1450-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

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(RG1H02)

E.T..LO2 AGZR FRNG

IHII. MODEL 84-OTS, E.T..LO2 ANTI GEYSER FRNG

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁻⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
8	2.989	.1397-01	1.988	2451.	67.81	424.2	239.6

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CPI/SI
8	31.790	.36300	553.00	185.9	2.741	.7580-01	.2784	-5.340	-.5210-01
8	32.770	.37300	555.00	70.22	1.036	.2860-01	.5709-02	-5.613	-.1000-02
8	33.750	.36300	554.00	105.6	1.557	.4310-01	.8910-01	-5.530	-.1610-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-OTS, E.T., LO2 ANTIGEYSER FRNG

E.T., LO2 AGZR FRNG

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(RG1H02)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	PO PSF A	P PSF A	Q PSF	TO DEG R
8	2.989	-5.000	1.985	2448.	67.75	423.7	239.7

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P1/P	P1/FO	CP(1)	CP(SI)	CPI/SI
8	31.790	.36300	553.00	213.7	3.154	.8730-01	.3444-01	-5.274	-.6530-01
8	32.770	.37300	555.00	100.5	1.484	.4110-01	.7730-01	-5.541	-.1400-01
8	33.750	.36300	554.00	134.3	1.983	.5490-01	.1571-01	-5.461	-.2880-01

DATE 01 OCT 80

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IHI 1 INTEGRATED VEHICLE PRESSURE DATA
IHI 1, MODEL 84-OTS. E.T.-LO2 ANTI GEYSER FRNG
E.T.-LO2 AGZR FRNG

E.T.-LO2 AGZR FRNG

IHI 1, MODEL 84-OTS. E.T.-LO2 ANTI GEYSER FRNG
(RG1H02)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	0 PSF	T0 DEG R
5	3.511	5.008	X10.6 1.812	3479.	44.93	387.6	213.4

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP(S1)
5	31.790	.36300	553.00	105.5	2.349	.3030-01	.1563	-8.703	-.1800-01
5	32.770	.37300	555.00	40.70	.9059	.1170-01	-.1090-01	-8.870	.1200-02
5	33.750	.36300	554.00	32.34	.7198	.9300-02	-.3250-01	-8.892	.3700-02

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII, MODEL 84-OTS. E.T., LO2 ANTI GEYSER FRNG

E.T., LO2 AGZ FRNG

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(RG1H02)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RNFT X10 ⁶	PO PSFA	P PSFA	Q PSF	TO DEG R
5	3.510	.1597-01	1.807	3478.	44.93	387.6	213.8

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CP(SI)
5	31.790	.36300	553.00	116.3	2.588	.3340-01	.1841	-8.673	.2120-01
5	32.770	.37300	555.00	68.42	1.523	.1970-01	.6060-01	-8.797	.6900-02
5	33.750	.36300	554.00	88.90	1.978	.2560-01	.1134	-6.744	.1300-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-OTS. E.T..LO2 ANTI GEYSER FRNG
(RGTH02)

E.T..LO2 AGZR FRNG

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P ₀ PSFA	P PSFA	θ ₀ PSF	DEG R
5	3.510	-4.962	1.807	3478.	44.94	387.6	213.8

TEST DATA

RUN NUMBER	THEΤΑ	X/LREF	TAP NO	P(1) PSFA	P ₁ /P	P ₁ /P ₀	CP(1)	CP(S1)	CP(S1)
5	31.790	.36300	553.00	128.2	2.852	.3680-01	.2147	-8.643	-2480-01
5	32.770	.37300	555.00	90.77	2.020	.2610-01	.1182	-8.740	-1350-01
5	33.750	.36300	554.00	118.5	2.637	.3410-01	.1898	-8.668	-2190-01

1 7

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-0TS, E.T.,LO2 ANTI G EYER FRNG

E.T.,LO2 AGZR FRNG

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(RGIH03)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	PO PSFA	P PSFA	PSF	TO DEG R
1	2.495	-4.988	2.191	1946.	114.8	500.2	285.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CPI/S1
1	31.790	.36300	553.00	522.4	4.550	.2684	.8148	-2.846	-.2863
1	32.770	.37300	555.00	140.4	1.223	.7210-01	.5110-01	-3.610	-.1420-01
1	33.750	.36300	554.00	141.0	1.228	.7240-01	.5230-01	-3.608	-.1450-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

E.T. .L02 AGZR FRNG

IH11. MODEL 84-OTS. E.T. .L02 ANTI GEYSER FRNG

PARAMETRIC DATA

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(RG1IH03)

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P0 PSFA	T0 DEG R
1	2.494	-1193.01	2.155	1945.	114.8	500.2 288.4

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P11 PSFA	P1/P	P1/P0	CP(1)	CP(S1)	CP(S1)
1	31.790	.36300	553.00	.440.7	3.638	.2266	.6515	-3.008	-.2166
1	32.770	.37300	555.00	129.8	1.130	.6670-01	.2990-01	-3.629	-.8200-02
1	33.750	.36300	554.00	85.96	.7485	.4420-01	.5770-01	-3.717	.1550-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-OTS. E.T..LO2 ANTI GEYSER FRNG

E.T..LO2 AGZR FRNG

DATE 01 OCT 80

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P ₀ PSF A	Q PSF	T ₀ DEG R
1	2.495	5.028	2.160	1946.	114.9	500.4	287.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P ₁ /P	P ₁ /FO	CP(1)	CP(SI)	CP(SI)
1	31.790	.36300	553.00	361.7	3.148	.1859	.4932	3.166	-.1558
1	32.770	.37300	555.00	104.3	.9077	.5360-01	.2120-01	-3.681	.5800-02
1	33.750	.36300	554.00	57.20	.4980	.2940-01	-.1153	-3.775	.3050-01

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IHI1. INTEGRATED VEHICLE PRESSURE DATA
IHI1. MODEL 84-OTS. E.T..LO2 ANTIGEYSER FRNG
(RG1H03)

E.T..LO2 AGZR FRNG

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
7	2.990	-4.961	X10 6 2.024	2451.	67.74	423.9	236.4

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P11 PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CPI/SI
7	31.790	.36300	553.00	274.5	4.053	.1120	.4878	-5.135	-.9500-01
7	32.770	.37300	555.00	79.95	1.180	.3260-01	.2880-01	-5.594	-.5100-02
7	33.750	.36300	554.00	129.4	1.911	.5280-01	.1455	-5.477	-.2660-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-01S, E.T..LO2 ANTI G EYSE R FRNG

E.T..LO2 AGZR FRNG

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(RCG/HM03)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
7	2.990	-.3186-01	2.017	2453.	67.80	424.2	237.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(S1)	CP(S1)
7	31.790	.36300	553.00	244.5	3.607	.9970-01	.4166	-5.205	-.8000-01
7	32.770	.37300	555.00	70.08	1.034	.2860-01	.5400-02	-5.616	-.1000-02
7	33.750	.36300	554.00	56.45	.8326	.2300-01	-.2680-01	-5.649	.4700-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, E.T..LO2 ANTI GEYSER FRNG

E.T..LO2 AGZR FRNG

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(RG1H03)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	PO PSFA	P PSFA	Q PSF	T0 DEG R
7	2.989	4.993	1.997	2452.	67.81	424.2	238.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P/I/P	P1/F0	CP(I)	CP(SI)	CP(SI)
7	31.790	.36300	553.00	175.4	2.586	.7150-01	.2535	-5.366	-4720-01
7	32.770	.37300	555.00	53.37	.7871	.2180-01	-.3400-01	-5.654	.6000-02
7	33.750	.36300	554.00	39.13	.5771	.1600-01	-.6760-01	-5.687	.1190-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, E.T. LO2 ANTI G EYER FRNG

E.T. LO2 AGZR FRNG

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(RG1H03)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	PO PSFA	P PSFA	Q PSF	TO DEG R
7	2.989	4.984	1.997	2452.	67.83	424.3	238.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CPI/SI
7	31.790	.36300	553.00	174.9	2.578	.7130-01	.2523	-5.368	-.4700-01
7	32.770	.37300	555.00	54.06	.7971	.2200-01	.3240-01	-5.652	.5700-02
7	33.750	.36300	554.00	39.58	.5836	.1610-01	.6660-01	-5.686	.1170-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, E.T., LO2 ANTI GEYER FRNG
(RG1H03)

E.T., LO2 AGZR FRNG

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
4	3.511	-4.970	1.813	3478.	44.91	387.5	213.2

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(SI)	CPI/SI
4	31.790	.36300	553.00	195.7	4.358	.5630-01	.3893	-8.470	-.4600-01
4	32.770	.37300	555.00	86.09	1.917	.2480-01	.1063	-8.753	-.1210-01
4	33.750	.36300	554.00	136.6	3.042	.3930-01	.2367	-6.623	-.2740-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, E.T.-LO2 ANTI GEYSER FRNG

E.T.-LO2 AGZR FRNG

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P ₀ PSFA	P PSFA	Q PSF	T ₀ DEG R
4	3.511	-.1970-02	1.808	3479.	44.94	387.7	213.7

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P ₁ /P ₀	CP(1)	CP(S1)	CP(S1)
4	31.790	.36300	553.00	163.0	3.626	.4680-01	.3045	-8.554
4	32.770	.37300	555.00	51.86	1.154	.1490-01	.1790-01	-8.840
4	33.750	.36300	554.00	49.22	1.095	.1410-01	.1000-01	-6.847

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

E.T.L02 AGZR FRNC
E.T.L02 ANTI GEYSER FRNC

IHII MODEL 84-OTS, E.T.L02 ANTI GEYSER FRNC

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
4	3.510	5.002	1.807	3478.	44.93	387.6	213.7

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO -	P(I) PSFA	P/I/P	P/I/FQ	CP(I)	CP(SI)	CPI/SI
4	31.790	.36300	553.00	123.2	2.743	.3540-01	.2020	-8.656	-.2330-01
4	32.770	.37300	555.00	32.15	.7156	.9200-02	-.3300-01	-8.891	.3700-02
4	33.750	.36300	554.00	36.93	.8219	.1060-01	-.2060-01	-8.879	.2300-02

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DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, E.T.,LO2 ANTI GEYSER FRNG

E.T.,LO2 AGZR FRNG

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(RGIM04)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P ₀ PSFA	α PSF	T ₀ DEG R
10	2.495	4.998	2.162	1949.	115.0	501.1	288.0

TEST DATA

RUN NUMBER	THETA X/LREF	TAP NO	P ₁₁ PSFA	P ₁ /P	P ₁ /P ₀	CP(1)	CP(SI)	CP(SI)	CPI/SI
10	31.790	.36300	553.00	187.2	1.628	.9610-01	.1441	-3.516	-.4100-01
10	32.770	.37300	555.00	129.8	1.128	.6680-01	.2940-01	-3.630	-.8100-02
10	33.750	.36300	554.00	117.3	1.020	.6020-01	.4600-02	-3.655	-.1300-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, E.T., LO2 ANTI GEYSER FRNG

E.T., LO2 AGZR FRNG

PAGE 1697
(RG1H04)

PARAMETRIC DATA

BETA = -5.000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	P0 PSF A	P PSF A	Q PSF	T0 DEG R
10	2.495	.1995-01	2.168	1950.	115.1	501.2	287.6

TEST CONDITIONS							
RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P1/P	P1/F0	CP(1)
10	31.790	.36300	553.00	261.6	2.273	.1342	.2923
10	32.770	.37300	555.00	141.5	1.230	.7260-01	.5280-01
10	33.750	.36300	554.00	100.9	.8773	.5180-01	-.2820-01

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P1/P	P1/F0	CP(1)	CP(SI)	CPI/SI
10	31.790	.36300	553.00	261.6	2.273	.1342	.2923	-.3.368	-.8680-01
10	32.770	.37300	555.00	141.5	1.230	.7260-01	.5280-01	-.3.607	-.1460-01
10	33.750	.36300	554.00	100.9	.8773	.5180-01	-.2820-01	-.3.688	.7600-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, E.T., LO2 ANTI GYSEER FRNG

E.T., LO2 AGZR FRNG

PAGE 1688
(RG1H04)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	PO PSFA	P PSFA	α PSF	TO DEG R
10	2.495	-4.990	2.166	1948.	115.0	501.0	287.7

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP(S2)
10	31.790	.36300	553.00	315.7	2.745	.1620	.4006	-3.259	-.1229
10	32.770	.37300	555.00	135.1	1.174	.6930-01	.4000-01	-3.620	-.1110-01
10	33.750	.36300	554.00	128.7	1.119	.6600-01	.2730-01	-3.632	-.7500-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, E.T.,LO2 ANTI GEYSER FRNG

E.T.,LO2 AGZR FRNG
PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
11	2.495	-5.014	2.163	1948.	115.0	501.0	287.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CPI/S1
11	31.790	.36300	553.00	373.1	3.244	.1915	.5152	-3.1W4	-.1638
11	32.770	.37300	555.00	115.4	1.004	.5920-01	.8000-03	-3.659	-.2000-05
11	33.750	.36300	554.00	144.6	1.257	.7420-01	.5900-01	-3.601	-.1640-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-OTS. E.T..L02 ANTI GEYSER FRNG

E.T..L02 AGZR FRNG

PAGE 1690
(RG1H05)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	T0 DEF R
11	2.495	.1198-01	X10 ⁶ 2.166	1948.	115.0	500.8	287.5

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P/I/P	P/I/FO	CP(I)	CP(SI)	CPI/SI
11	31.790	.36300	553.00	327.2	2.846	.1680	.4238	-3.236	-.1310
11	32.770	.37300	555.00	97.30	.8463	.5000-01	.35530-01	-3.695	.9500-02
11	33.750	.36300	554.00	109.1	.9486	.5600-01	.1180-01	-3.672	.3200-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-OTS, E.T., LO2 ANTI GEYSER FRNG

E.T., LO2 AGZR FRNG

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(RG1M05)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
11	2.495	4.990	2.165	1949.	115.0	501.0	287.8

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P/I/P	P/I/PO	CP(I)	CP(SI)	CPI/SI
11	31.790	.36300	553.00	357.1	3.105	.9218	.1833	.4832	-3.176
11	32.770	.37300	555.00	106.0	.5440-01	.2690-01	-.1790-01	-.1251	-3.678
11	33.750	.36300	554.00	52.34	.4550	.2690-01	-.1251	-.1251	.4900-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

E.T., L02 AGZR FRNG

IH11, MODEL 84-OTS, E.T.,L02 ANTIGEYSER FRNG

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(RC1H06)

PARAMETRIC DATA

BETA = 5.0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	TO DEG R
12	2.495	5.022	2.166	1948.	115.0	501.0	287.7

TEST DATA

RUN NUMBER	THETA X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CPI/SI
12	31.790	.36300	553.00	361.0	3.139	.1853	.4910	-.1550
12	32.770	.37300	555.00	104.0	.9045	.5340-01	-.2190-01	-.6000-02
12	33.750	.36300	554.00	56.14	.4881	.2880-01	-.1175	.3110-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, E.T.-LO2 ANTI GEYER FRNG

E.T.-LO2 AGZR FRNG

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(RG1H06)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁻⁶	P ₀ PSFA	P PSFA	Q PSF	T ₀ DEG R
12	2.495	.3590-01	2.163	1947.	114.9	500.7	287.8

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P ₁ /P ₀	CP(1)	CP(SI)	CP(SI)
12	31.790	.36300	553.00	445.1	3.872	.2286	.6594	-3.000
12	32.770	.37300	555.00	127.1	1.106	.6530-01	.2440-01	3.635
12	33.750	.36300	554.00	84.61	.7361	.4350-01	-.6060-01	-3.720

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

E.T..LO2 AGZR FRNG
E.T..LO2 AGZR FRNG

IH11, MODEL 84-OTS. E.T..LO2 ANTIGEYER FRNG

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(RG1M06)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSF A	P PSF A	Q PSF	TO DEG R
12	2.495	-4.990	X10 6 2.164	1947.	114.9	500.7	287.7

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(S1)	CP(S1)
12	31.790	.36300	553.00	507.4	4.415	.2606	.7840	-2.876	.2726
12	32.770	.37300	555.00	138.4	1.204	.7110-01	.4690-01	-3.613	-.1300-01
12	33.750	.36300	554.00	137.8	1.199	.7080-01	.4570-01	-3.614	-.1260-01

DATE 01 OCT 80

IHI 1 INTEGRATED VEHICLE PRESSURE DATA

E.T., L02 AGZR FRNG
E.T., L02 ANTIGEYSER FRNG

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(RGIMH07)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	TO DEG R
21	2.495	-4.975	2.159	1948.	115.0	500.9	288.3

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP(SI)
21	31.790	.36300	553.00	61.37	.5336	.3150-01	-.1071	-3.767	.2840-01
21	32.770	.37300	555.00	37.78	.3286	.1940-01	-.1542	-3.814	.4040-01
21	33.750	.36300	554.00	265.2	2.306	.1361	.2998	-3.360	-.8920-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-01, E.I. LO2 ANTIGEYER FRNG

E.I. LO2 AGZR FRNG

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(RG1H07)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P ₀ PSF	Q ₀ PSF	TO DEG R
21	2.495	.9988-02	2.160	1948.	115.0	500.9	288.2

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P1/P	P1/PO	CP(1)	CP(SI)	CPI/SI
21	31.790	.36300	553.00	78.98	.6868	.4050-01	-.7190-01	-3.731	.1930-01
21	32.770	.37300	555.00	46.72	.4063	.2400-01	-.1363	-3.796	.3590-01
21	33.750	.36300	554.00	127.6	1.113	.6550-01	.2530-01	-3.634	-.7000-02

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DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-0T. E.T., LO2 ANTI GEYSER FRNG

E.T., LO2 AGZR FRNG

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(RGHM07)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
21	2.495	4.971	2.162	1949.	115.0	501.1	288.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/F0	CP(I)	CP(SI)	CP(SI)
21	31.790	.36300	553.00	78.57	.6830	.4030-01	-.7280-01	-3.732	.1950-01
21	32.770	.37300	555.00	48.85	.4246	.2510-01	-.1321	-3.792	.3480-01
21	33.750	.36300	554.00	200.6	1.744	.1029	.1708	-3.489	-.4890-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-01. E.T..LO2 ANTIGEYSER FRNG

E.T..LO2 AGZR FRNG

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(RG1H07)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁻⁶	PO PSFA	P PSFA	Q PSF	TO DEG R
16	2.989	5.018	1.975	2455.	67.94	424.9	241.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P PSFA	P1/FO	CP(1)	CP(SI)	CP1/SI
16	31.790	.36300	553.00	39.99	.5885	.1630-01	-.65580-01	-5.683	.1160-01
16	32.770	.37300	555.00	28.82	.4242	.1170-01	-.9210-01	-5.710	.1610-01
16	33.750	.36300	554.00	120.3	1.770	.4900-01	.1232	-5.494	-.2240-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-01, E.T., LO2 ANTI GEYSER FRING
(RG1H07)

E.T., LO2 AGZR FRNG

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P ₀ PSFA	P PSFA	Q PSF	TO DEG R
16	2.989	.1597-01	1.971	2451.	67.85	424.3	241.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P0	CP(1)	CP(SI)	CP1/SI
16	31.790	.36300	553.00	44.02	.6488	.1800-01	-5.674	.9900-02
16	32.770	.37300	555.00	28.95	.4267	.1180-01	-5.709	.1610-01
16	33.750	.36300	554.00	69.73	1.028	.2840-01	-4400-02	-5.613 -1.000-03

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-0T. E.T..LO2 ANTIGEYSER FRNG

E.T..LO2 AGZR FRNG

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(RG1H07)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	PSF	TO DEG R
16	2.989	-5.000	X10 ⁶ 1.979	2455.	67.94	424.9	±40.6

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CP1/SI
16	31.790	.36300	553.00	35.29	.5194	.1440-01	-.7690-01	-5.695	.1350-01
16	32.770	.37300	555.00	20.55	.3025	.8400-02	-.1115	-5.729	.1950-01
16	33.750	.36300	554.00	165.5	2.436	.6740-01	.2296	-5.388	-.4260-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

E.T., L02 AGZR FRNG
E.T., L02 ANTIGEYER FRNG

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(RG1H07)

PARAMETRIC DATA

BETA = -5.000

		TEST CONDITIONS					
RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	PO PSFA	P PSFA	Q PSF	T ₀ DEG R
15	3.511	-5.022	1.828	3478.	44.88	387.3	211.9
		TEST DATA					
RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)
15	31.790	.36300	553.00	22.33	.4974	.6400-02	.5820-01
15	32.770	.37300	555.00	12.96	.2888	.3700-02	.8240-01
15	33.750	.36300	554.00	124.4	2.771	.3580-01	.2052
							.6500-02
							.9200-02
							.2370-01
							.6558

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DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-01. E.T., LO2 ANTI GEYSER FRNG

E.T., LO2 AGZR FRNG

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(RG1H07)

PARAMETRIC DATA

DETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X 10 ⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
15	3.511	.2394-01	1.827	3481.	44.92	387.7	212.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CPI/SI
15	31.790	.36300	553.00	26.98	.6006	.7800-02	.4630-01	-8.910	.5200-02
15	32.770	.37300	555.00	15.75	.3506	.4500-02	-.7530-01	-8.939	.8800-02
15	33.750	.36300	554.00	52.25	1.163	.1500-01	.1890-01	-6.844	-.2100-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-01. E.T. LO2 ANTI GEYSER FRNG
E.T. LO2 AGZR FRNG

E.T. LO2 AGZR FRNG

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P ₀ PSF A	Q ₀ PSF	T ₀ DEG R
15	3.511	4.983	1.827	3478.	44.88	387.3	212.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁ PSF A	P ₁ /P	P ₁ /P ₀	CP(1)	CP(SI)	CP(SI)
15	31.790	.36300	553.00	24.59	.5479	.7100-02	.5240-01	-8.916	.5900-02
15	32.770	.37300	555.00	17.69	.3942	.5100-02	.7020-01	-8.934	.7900-02
15	33.750	.36300	554.00	71.68	1.597	.2060-01	.6920-01	-6.794	.7900-02

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(RG1H08)

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-01. E.T.-L02 ANTIGEYSER FRNG

E.T.-L02 AGZR FRNG

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	P0 PSFA	P PSFA	Q PSF	T0 DEG R
20	2.495	4.967	2.165	1950.	115.1	501.4	287.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P0	CP(1)	CP(S1)	CP(S1)
20	31.790	.36300	553.00	95.40	.8288	.4890-01	-.3930-01	-3.699
20	32.770	.37300	555.00	79.22	.6882	.4060-01	-.7160-01	-3.731
20	33.750	.36300	554.00	180.3	1.566	.9250-01	.1301	-3.530

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IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-0T, E.T.,LO2 ANTIGEYSER FRNG
E.T.,LO2 AGZR FRNG

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-0T, E.T.,LO2 ANTIGEYSER FRNG

E.T.,LO2 AGZR FRNG

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P0 PSFA	P FSFA	Q PSF	T0 DEG R
20	2.495	.7995-02	2.161	1949.	115.0	501.0	288.2

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P(I/P)	P(I/F0)	CP(I)	CP(SI)	CP(SI)	CPI/SI
20	31.790	.36300	553.00	96.89	.8423	.4970-01	-.3620-01	-3.696	.9800-02	
20	32.770	.37300	555.06	64.79	.5633	.3330-01	-1.003	-3.760	.2670-01	
20	33.750	.36300	554.00	306.6	2.665	.1573	.3823	-3.277	-.1167	

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(RG1H08)

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-0T. E.T..L02 ANTI GEYSER FRNG
E.T..L02 AGZR FRNG

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(RG1H08)

E.T..L02 AGZR FRNG

IH11. MODEL 84-0T. E.T..L02 ANTI GEYSER FRNG

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT AFT X10.6 2.163	P0 PSFA	P PSFA	Q PSF	T0 DEG R
20	2.495	-4.953		1949.	115.1	501.2	288.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P(I/P	PI/PO	CP(I)	CP(SI)	CP(SI)
20	31.790	.36300	553.00	103.4	.8989	.5310-01	-.2320-01	-3.683	.6300-02
20	32.770	.37300	555.00	68.46	.5949	.3510-01	-.9300-01	-3.753	.2480-01
20	33.750	.36300	554.00	306.8	2.667	.1574	.3826	-3.277	-.1168

DATE 01 OCT 80

INTEGRATED VEHICLE PRESSURE DATA

E.T. LOZAGAR FRNG

III. MODEL 84-01. E.T. L02 ANTI GYSE FNG

PARAMETRIC DATA

BETA = .0003

INTER CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
17	2.989	-5.010	1.982	2455.	67.94	425.0	240.5

RUN NUMBER	THETA	X/LREF	TAP NO	***TEST DATA***				
				P(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)
17	31.790	.36300	553.00	56.64	.8336	.2310-01	.2660-01	-5.645
17	32.770	.37300	555.00	38.31	.5638	.1560-01	.6970-01	-5.286
17	33.750	.36300	554.00	209.0	.076	.8510-01	.3320	-5.286

P1/P	P1/P0	CP(1)	CP(S1)	CP1/S:
.8336	.2310-01	.2660-01	-5.645	.4700-02
.5638	.1560-01	.6970-01	-5.688	.1230-01
.3776	.1560-01	.8510-01	-5.2220	.6280-01

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IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-0T. E.T.,LO2 ANTI GYSER FRNG

E.T.,LO2 AGZR FRNG

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(RG1H08)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
17	2.989	-.3186-01	1.983	2455.	67.94	425.0	240.3

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	PULL PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP(1/S1)
17	31.790	.36300	553.00	57.21	.8421	.2330-01	-.2520-01	-5.644	.4500-02
17	32.770	.37300	555.00	36.18	.5325	.1470-01	-.7470-01	-5.693	.1310-01
17	33.750	.36300	554.00	207.3	3.051	.8440-01	.3278	-5.290	-.6230-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII, MODEL 84-0T. E.T. LO2 ANTI GEYSER FRNG
E.T. LO2 AGZR FRNG

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(RG1H08)

E.T. LO2 AGZR FRNG

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P ₀ PSFA	Q PSF	T ₀ DEG R
17	2.989	4.975	1.985	2456.	67.95	425.0	240.2

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P(I)/P	P(I)/FO	CP(I)	CP(SI)	CP(SI)	CP(SI)
17	31.790	.36300	553.00	54.65	.8043	.2230-01	.3130-01	-5.650	.5500-02	
17	32.770	.37300	555.00	48.01	.7065	.1950-01	.4690-01	-5.665	.8300-02	
17	33.750	.36300	554.00	89.92	1.323	.3660-01	.5170-01	-5.557	-.9300-02	

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 34-0T. E.T. LO2 ANTI GEYSER FRNG

E.T. LO2 AGZR FRNG

PAGE 1710
(RG1H08)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ⁰ PSFA	P ⁰ PSFA	TO DEG R
14	3.512	5.022	1.839	3479.	44.87	387.3 211.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1),	CP(S1),	CP(S1)
14	31.790	.36300	553.00	33.86	.7547	.9700-02	-.2840-01	-8.895	.3200-02
14	32.770	.37300	555.00	31.05	.6921	.8900-02	-.3570-01	-8.902	.4000-02
14	33.750	.36300	554.00	67.31	1.500	.1930-01	.5790-01	-6.809	-.6600-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-01, E.T., LO2 ANTI GEYSER FRNG
(RG1H08)

E.T., LO2 AGZR FRNG

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
14	3.512	.2394-01	X10.6 1.837	3477.	44.84	387.1	211.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P0	CP(1)	CP(SI)	CP1/SI
14	31.790	.36300	553.00	.40.37	.9003	.1160-01	-.1160-01	.8.878
14	32.770	.37300	555.00	.24.88	.5548	.7200-02	-.5160-01	-.8.918
14	33.750	.36300	554.00	.158.4	.3.531	.4560-01	.2933	-.6.573

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DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-01. E.T..LO2 ANTIGEYSER FRNG

E.T..LO2 AGZR FRNG

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(RG1H08)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P PSF A	Q PSF	T ⁰ DEG R
14	3.511	-4.983	1.831	3478.	44.87	387.3	211.6

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P ₁ /P	P ₁ /P ₀	CP(11)	CP(SI)	CPI/SI
14	31.790	.36300	553.00	.42.32	.9432	.1220-01	-.6600-02	-8.871	.7000-03
14	32.770	.37300	555.00	29.90	.6663	.8600-02	-.3870-01	-8.903	.4300-02
14	33.750	.36300	554.00	168.2	3.749	.4840-01	.3186	-8.546	-.3730-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

E.T., L02 AGZR FRNG
IHI1. MODEL 84-0T. E.T., L02 ANTI GEYSER FRNG

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(RG1H09)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
19	2.495	-4.996	2.164	1950.	115.1	501.4	288.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP(S)
19	31.790	.36300	553.00	140.7	1.222	.7210-01	.5100-01	-3.609	-1410-01
19	32.770	.37300	555.00	108.8	.9948	.5580-01	-.1270-01	-3.672	.3500-02
19	33.750	.36300	554.00	286.9	2.492	.1471	.3426	-3.317	-.1033

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-01, E.T.-L02 ANTIGEYSER FRNG

E.T.-L02 AGZR FRNG

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(RGIM09)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	TO DEG R
19	2.495	.1397-01	X10 ⁶ 2.163	1950.	115.1	501.3	288.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P/I/P	P/I/PO	CP(I)	CP(SI)	CP(SI)
19	31.790	.36300	553.00	137.8	1.198	.7070-01	.4540-01	-3.614	-.1250-01
19	32.770	.37300	555.00	94.97	.8252	.4870-01	-.4010-01	-3.700	.1080-01
19	33.750	.36300	554.00	185.0	1.608	.9490-01	.1395	-3.520	-.3980-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-01. E.T. LO2 ANTI GEYSER FRNG
(RG1H09)

E.T. LO2 AGZR FRNG

BETA = 5.000

PARAMETRIC DATA

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	DEG R
19	2.495	4.993	X10 6 2.164	1950.	115.1	501.5	288.0

TEST CONDITIONS							
RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P0	CP(1)	CP(SI)

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P0	CP(1)	CP(SI)
19	31.790	.36300	553.00	143.6	1.248	.7360-01	.5680-01 -3.603 -.1580-01
19	32.770	.37300	555.00	72.21	.6272	.3700-01 -.8560-01 -3.745 -.2280-01	
19	33.750	.36300	554.00	223.1	1.938	.1144 .2154	-.3.444 -.6250-01

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DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-01. E.T..LO2 ANTI GEYSER FRNG

E.T..LO2 AGZR FRNG

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(RG1H09)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	PO PSFA	P ⁰ PSFA	T ₀ DEG R
18	2.989	4.979	1.982	2456.	67.95	425.0 240.5

TEST DATA

RUN NUMBER	THETA	X/L REF	TAP NO	P ₁ PSFA	P ₁ /P	P ₁ /PO	CP(1)	CP(S1)	CP(S1)
18	31.790	.36300	553.00	82.74	1.218	.3370-01	.3480-01	-5.583	-6200-02
18	32.770	.37300	555.00	42.91	.6315	.1750-01	-.5890-01	-5.677	.1040-01
18	33.750	.36300	554.00	135.0	1.987	.5500-01	.1578	-5.461	-.2890-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-01. E.T.,LO2 ANTI GEYSER FRNG

E.T.,LO2 AGZR FRNG

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(RG1H09)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁻⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
18	2.989	.1597-01	1.981	2452.	67.85	424.3	240.2

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(S1)	CP(S1)
18	31.790	.36300	553.00	82.35	1.214	.3360-01	.3420-01	-5.584	-.6100-02
18	32.770	.37300	555.00	54.35	.8011	.2220-01	-.3180-01	-5.650	.5600-02
18	33.750	.36300	554.00	114.3	1.685	.4660-01	.1096	-5.509	-.1950-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-0T. E.T.,LC2 ANTI GEYSER FRNG
E.T.,LC2 AG2R FRNG

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(RG1H09)

E.T.,LC2 AG2R FRNG

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
18	2.989	-4.976	X10 6 1.981	2452.	67.87	424.5	240.4

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CP1/SI
18	31.790	.36300	553 .00	84.53	1.245	.3450-01	.3930-01	-5.579	-.7000-02
18	32.770	.37300	555 .00	67.59	.9960	.2760-01	-.6000-03	-5.619	.1000-03
18	33.750	.36300	554 .00	190.0	2.800	.7750-01	.2878	-5.330	-.5400-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-0T, E.T., LO2 ANTIGEYSER FRNG

E.T., LO2 AGZR FRNG

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(RG1MH09)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P PSFA	Q PSF	T ₀ DEG R
13	3.512	-4.970	1.850	3483.	44.90	387.6	210.2

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁ PSFA	P ₁ /P	P ₁ /PO	CP(11)	CP(S1)	CP/S1
13	31.790	.36300	553.00	65.37	1.456	.1880-01	.5280-01	-8.817	-.6000-02
13	32.770	.37300	555.00	52.61	1.172	.1510-01	.1990-01	-8.850	-.2200-02
13	33.750	.36300	554.00	153.7	3.423	.4410-01	.2807	-8.589	-.3270-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-0T. E.T..LO2 ANTIGEYSER FRNG

E.T..LO2 AGZR FRNG

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(RGTH09)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	T0 DEG R
13	3.512	.6002-02	X10 6 1.844	3477.	44.84	387.0	210.5

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CP(S1)
13	31.790	.36300	553.00	62.40	1.392	.1790-01	.4540-01	-8.822	-.5100-02
13	32.770	.37300	555.00	41.24	.9198	.1190-01	.9300-02	-8.877	.1000-02
13	33.750	.36300	554.00	89.84	2.004	.2580-01	.1163	-6.752	-.1330-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-0T, E.T., LO2 ANTI GEYSER FRNG

E.T., LO2 AGZR FRNG

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(RGTH09)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
13	3.512	5.006	1.844	3480.	44.87	387.4	210.6

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P1/P	P1/F0	CP(1)	CP(S1)	CP(S1)
13	31.790	.36300	553.00	60.18	1.341	.1730-01	.3950-01	-8.829	-.4500-02
13	32.770	.37300	555.00	30.47	.6791	.8800-02	-.3720-01	-8.905	-.4200-02
13	33.750	.36300	554.00	99.16	2.210	.2850-01	.1402	-6.728	-.1610-01

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DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-T. E.T..LO2 ANTIGEYSER FRNG
(RG1H13)

E.T..LO2 AGZR FRNG

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-T. E.T..LO2 ANTIGEYSER FRNG

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
48	2.495	-4.943	X10.6 2.159	1950.	115.1	501.3	288.5

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(S1)	CP(S1)
48	31.790	.36300	563.00	62.19	.5403	.3190-01	-.1055	-3.765	.2800-01
48	32.770	.37300	555.00	36.01	.3129	.1850-01	-.1578	-3.817	.4130-01
48	33.750	.36300	554.00	268.4	2.332	.1377	.3058	-3.354	.9120-01

DATE 01 OCT 80

IHI1 INTEGRATED VEHICLE PRESSURE DATA
IHI1. MODEL 84-T. F.T.-LO2 ANTI GEYSER FRNG
E.T.-LO2 AGZR FRNG

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(RGH13)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	TO DEG R
48	2.494	.5697-03	X10.6 2.158	1950.	115.1	501.4	288.6

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CP(S1)
48	31.790	.36300	553.00	78.10	.6785	.4010-01	-.7380-01	-3.733	.1980-01
48	32.770	.37300	555.00	.48.09	.4178	.2470-01	-.1337	-.3.793	.3520-01
48	33.750	.36300	554.00	123.8	1.075	.6350-01	.1730-01	-3.642	-.4800-02

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IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-T. E.T., L02 ANTI GEYSER FRNG

E.T., L02 AGZR FRNG

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(RG1H13)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
48	2.494	5.015	2.157	1950.	115.1	501.4	288.7

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSF A	P/I/P	P/I/Q	CP(I)	CP(SI)	CP1/SI
48	31.790	.36300	553.00	77.61	.6742	.3980-01	-7480-01	-3.734	.2000-01
48	32.770	.37300	555.00	51.77	.4496	.2650-01	-.1264	-3.786	.3340-01
48	33.750	.36300	554.00	200.8	1.744	.1030	.1708	-3.489	.4900-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-T, E.T., LO2 ANTI GEYSER FRNG
(RG1IH13)

E.T., LO2 AGZR FRNG

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P ₀ PSFA	P PSFA	Q PSF	T ₀ DEG R
43	2.989	5.026	1.989	2463.	68.15	426.2	240.4

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P/I/P	P/I/P0	CP(I)	CP(SI)	CPI/SI
43	31.790	.36300	553.00	.41.78	.6131	.1700-01	-.6180-01	-5.681	.1090-01
43	32.770	.37300	555.00	31.13	.4568	.1260-01	-.8680-01	-5.706	.1520-01
43	33.750	.36300	554.00	128.2	1.881	.5200-01	.1409	-5.478	-.2570-01

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(RH1H13)

E.T.,L02 AG2R FRNG

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL B4-T. E.T.,L02 ANTEGYSER FRNG

PARAMETRIC DATA

BETA = -5.000

•••TEST CONDITIONS•••

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P PSFA	Q PSF	T ₀ DEG R
43	2.989	.8997-02	1.984	2458.	68.02	425.4	240.4

•••TEST DATA•••

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁ PSFA	P ₁ /P	P ₁ /F ₀	C _{P(1)}	C _{P(S1)}	C _{P(S)}
43	31.790	.36300	553.00	.41.86	.6154	.1700-01	-.6150-01	-5.680	.1080-01
43	32.770	.37300	555.00	.32.82	.4824	.1330-01	-.8270-01	-5.701	.1450-01
43	33.750	.36300	554.00	.79.14	1.163	.3220-01	.2610-01	-5.592	-.4700-02

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DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII, MODEL 84-T, E.T., L02 ANGIE YSER FRNG
E.T., L02 AGZR FRNG

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(RG/HI3)

E.T., L02 AGZR FRNG

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	P0 PSFA	P PSFA	Q PSF	T0 DEG R
43	2.989	-4.938	1.986	2460.	68.06	425.7	240.3

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P/I/P	P/I/FO	CP(I)	CP(SI)	CP(I/SI)
43	31.790	.36300	553.00	37.04	.5442	.1510-01	.7290-01	-5.692	.1280-01
43	32.770	.37300	555.00	19.64	.2886	.8000-02	-.1137	-5.732	.1980-01
43	33.750	.36300	554.00	155.2	2.280	.6310-01	.2047	-5.414	-.3780-01

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I(HI)1 (RGH13)

E.T., LO2 AGZR FRNG

I(HI)1 INTEGRATED VEHICLE PRESSURE DATA
I(HI)1, MODEL 84-T, E.T., LO2 ANTI GEYSER FRNG

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	TO DEG R
42	3.512	-4.935	X10 6 1.845	3481.	44.89	387.5	210.5

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/P0	CP(I)	CP(SI)	CP(SI)
42	31.790	.36300	553.00	23.05	.5134	.6600-02	-.5640-01	-8.925	.6300-02
42	32.770	.37300	555.00	13.00	.2895	.3700-02	-.8230-01	-8.951	.9200-02
42	33.750	.36300	554.00	111.5	2.483	.3200-01	.1718	-6.696	-.1980-01

DATE 01 OCT 80

IHI1 INTEGRATED VEHICLE PRESSURE DATA

E.T., LO2 AGZR FRNG
E.T., LO2 ANGZER FRNG

IHI1 MODEL 84-T, E.T., LO2 ANGZER FRNG

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
42	3.512	.6189-02	X10 6 1.841	3480.	44.87	387.4	210.8

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P(I)/P	P1/F0	CP(I)	CP(SI)	CP(SI)
42	31.790	.36300	553.00	26.95	.6005	.7700-02	.4630-01	-8.913	.5200-02
42	32.770	.37300	555.00	19.79	.4409	.5700-02	-.6480-01	-8.932	.7300-02
42	33.750	.36300	554.00	47.16	1.051	.1360-01	.5900-02	-6.861	-.7000-03

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-T. E.T., LO2 ANTIGEYSER FRNG
E.T., LO2 AGZR FRNG

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(RGH13)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	R DEG R
42	3.512	5.023	X10.6 1.838	3479.	44.87	387.3	211.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P(I/P)	P(I/PO)	CP(I)	CP(SI)	CP(SI)
42	31.790	.36300	553.00	22.99	.5124	.6600-02	-5650-01	-8.923	.6300-02
42	32.770	.37300	555.00	18.05	.4022	.5200-02	-6930-01	-8.936	.7800-02
42	33.750	.36300	554.00	85.57	1.907	.2460-01	.1051	-6.761	-.1200-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-T, E.T., LO2 ANTI GEYSER FRNG

E.T., LO2 AGZR FRNG

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(RG1H14)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
47	2.495	5.043	2.166	1952.	115.2	501.9	288.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP(SI)
47	31.790	.36300	553.00	98.82	.8576	.5060-01	-.3270-01	-3.692	.8900-02
47	32.770	.37300	555.00	86.62	.7518	.4440-01	-.5700-01	-3.717	.1530-01
47	33.750	.36300	554.00	148.9	1.292	.7630-01	-.6700-01	-3.593	-.1870-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-T. E.T.,LO2 ANTI GEYSER FRNG

E.T.,LO2 AGZR FRNG

PAGE 1732
(RG1H14)

PARAMETRIC DATA

BETA = .00000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	P0 PSFA	P PSFA	Q PSF	T0 DEG R
47	2.495	-4.943	2.159	1950.	115.1	501.4	288.5

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CP(SI)
47	31.790	.36300	553.00	98.91	.8592	.5070-01	-3230-01	-3.692	.8800-02
47	32.770	.37300	555.00	64.81	.5630	.3320-01	-.1003	-3.760	.2670-01
47	33.750	.36300	554.00	302.7	2.629	.1552	.3740	-3.285	-.1138

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DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-T. E.T., L02 ANTI GEYSER FRNG

E.T., L02 AGZR FRNG

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(RG1H14)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT FT X10 ⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
44	2.989	-4.938	1.986	2457.	67.97	425.2	240.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P ₁ /P	P ₁ /P ₀	C _{P(1)}	C _{P(SI)}	C _{P(SI)}
44	31.790	.36300	553.00	59.68	.8780	.2430-01	-.1950-01	-5.638	.3500-02
44	32.770	.37300	555.00	42.04	.6184	.1710-01	-.6100-01	-5.680	.1070-01
44	33.750	.36300	554.00	205.3	3.021	.8360-01	.3230	-5.296	-.6100-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-T. E.T.-L02 ANTI GEYSER FRNG

E.T.-L02 AGZR FRNG

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(RG1H14)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P ⁰ PSF A	Q PSF	TO DEG R
44	2.989	.3379-02	1.987	2455.	67.91	424.8	240.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P ₁ /P	P ₁ /P ₀	CP(1)	CP(SI)	CP(SI)	CPI/SI
44	31.790	.36300	553.00	59.18	.8714	.2410-01	-.2060-01	-5.639	.3600-02	
44	32.770	.37300	555.00	38.71	.5700	.1580-01	-.6870-01	-5.687	.1210-01	
44	33.750	.36300	554.00	196.5	2.893	.8000-01	.3027	-5.316	-.5690-01	

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

E.T.,LO2 AGZR FRNG
E.T.,LO2 ANTI GEYSER FRNG

IH11 MODEL 84-T, E.T.,LO2 ANTI GEYSER FRNG

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P PSFA	Q PSF	T ₀ DEG R
44	2.989	5.026	1.986	2457.	67.98	425.2	240.2

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP1/S1
44	31.790	.36300	553.00	54.65	.8040	.2220-01	-.3130-01	-5.650	.5500-02
44	32.770	.37300	555.00	49.54	.7287	.2020-01	-.4340-01	-5.662	.7700-02
44	33.750	.36300	554.00	86.88	.1.278	.3540-01	.4450-01	-5.574	-.8000-02

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(RGIMH4)

DATE 01 OCT 80

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IHI1 INTEGRATED VEHICLE PRESSURE DATA
IHI1. MODEL 84-T. E.T..LO2 ANTIGEYSER FRNG
(RGIMH14)

E.T..LO2 AGZR FRNG

IHI1 INTEGRATED VEHICLE PRESSURE DATA

IHI1. MODEL 84-T. E.T..LO2 ANTIGEYSER FRNG

E.T..LO2 AGZR FRNG

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
41	3.512	5.040	X10 ⁶ 1.859	3483.	44.88	387.6	209.4

TEST DATA

RUN NUMBER	THE T A	X/LREF	TAP NO	P1(P) PSFA	P1/FO	CP(1)	CP(S1)	CP1/S1
41	31.790	.36300	553.00	34.34.	.7652	.9900-02	.2720-01	-8.899
41	32.770	.37300	555.00	31.27	.6968	.9000-02	-.3510-01	-8.907
41	33.750	.36300	554.00	61.52	1.371	.1770-01	.4290-01	-6.829

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IHI1 INTEGRATED VEHICLE PRESSURE DATA
IHI1, MODEL 84-T, E.T., LO2 ANTIGEYER FRNG
(RGJH14)

E.T., LO2 AGZR FRNG

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P0 PSFA	TO DEG R
41	3.512	.1462-01	X10 6 1.852	3480.	44.86	387.3 209.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P1) PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CP(S1)
41	31.790	.36300	553.00	38.43	.8567	.1100-01	-1660-01	-8.887	.1900-02
41	32.770	.37300	555.00	24.45	.5450	.7000-02	-.5270-01	-8.923	.5900-02
41	33.750	.36300	554.00	154.2	3.438	.4430-01	.2823	-6.588	-.3230-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-T. E.T.-LO2 ANTI GEYSER FRNG

E.T.-LO2 AGZR FRNG

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(RGH1H4)

PARAMETRIC DATA

BETA = .0000

•••TEST CONDITIONS•••

RUN NUMBER	MACH	ALPHA DEG.	RN/FT FT X10.6 1.848	P0 PSFA	P PSFA	0 PSF	10 DEG R
41	3.512	-4.935	3480.	44.86	387.3	210.2	

•••TEST DATA•••

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P/I/P	P1/FO	CP(I)	CP(SI)	CP1/SI
41	31.790	.36300	563.00	.40.65	.9062	.1170-01	-.1090-01	-8.880	.1200-02
41	32.770	.37300	555.00	29.32	.6536	.8400-02	-.4010-01	-8.909	.4500-02
41	33.750	.36300	554.00	159.6	3.556	.4590-01	.2963	-6.573	-.3460-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-T. E.T.,LO2 ANTIGEYER FRNG
E.T.,LO2 AGZR FRNG

PAGE 1739
(RG1H15)

PARAMETRIC DATA

BETA = 5.000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P ₀ PSFA	P PSFA	Q PSF	T ₀ DEG R
46	2.494	-4.949	2.157	1946.	114.9	500.4	288.3

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P0	CP(1)	CP(SI)	CPI/SI
46	31.790	.36300	553.00	129.9	1.130	.6670-01	.2990-01	-3.629
46	32.770	.37300	555.00	104.8	.9124	.5390-01	-.2010-01	-3.680
46	33.750	.36300	554.00	293.4	2.554	.1508	.3568	-.3.303

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DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-T. E.T.,LO2 ANTI GEYSER FRNG
E.T.,LO2 AGZR FRNG

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(RGIH15)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
46	2.495	.8997-02	X10.6 2.166	1952.	115.2	501.8	288.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P/I/P	P/I/F0	CP(I)	CP(SI)	CP(SI)
46	31.790	.36300	553.00	133.4	1.158	.6840-01	.3630-01	-3.623	-1000-01
46	32.770	.37300	555.00	93.57	.8122	.4790-01	-.4310-01	-3.703	.1160-01
46	33.750	.36300	554.00	180.1	1.563	.9230-01	.1293	-3.530	-.3660-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-T. E.T.,LO2 ANTI GEYSER FRNG
E.T.,LO2 AGZR FRNG

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(RG1H15)

PARAMETRIC DATA

BETA = 5.000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
46	2.495	5.040	X10 6 2.167	1952.	115.2	501.9	288.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CP(SI)
46	31.790	.36300	553.00	143.5	1.246	.7350-01	.5640-01	-3.603	-.1570-01
46	32.770	.37300	555.00	72.72	.6311	.3730-01	.8470-01	-3.745	.2260-01
46	33.750	.36300	554.00	216.7	1.881	.1110	.2022	-3.458	-.5850-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-T. E.T.-LO2 ANTI GEYSER FRNG

E.T.-LO2 AGZR FRNG

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(RGIH15)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
46	2.495	.2585-01	2.166	1953.	115.3	502.2	288.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P11 PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CP1/SI
46	31.790	.36300	553.00	97.33	.8443	.4980-01	.3580-01	-3.695	.9700-02
46	32.770	.37300	555.00	65.28	.5662	.3340-01	-.9960-01	-3.759	.2650-01
46	33.750	.36300	554.00	306.6	2.660	.1570	.3810	-3.279	-.1162

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

E.T. LO2 AGZR FRNG
E.T. LO2 ANTI GEYSER FRNG

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IHII, MODEL 84-T. E.T. LO2 ANTI GEYSER FRNG
(RGIIH15)

PARAMETRIC DATA

BETA = 5.000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁻⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
45	2.989	5.023	1.986	2456.	67.94	425.0	240.1

TEST CONDITIONS

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSF A	P I / P	P I / FO	CP(I)	CP(SI)	CP(SI)
45	31.790	.36300	553.00	86.02	1.266	.3500-01	.4250-01	-5.576	-.7600-02
45	32.770	.37300	555.00	44.60	.6564	.1820-01	-.5490-01	-5.674	.9700-02
45	33.750	.36300	554.00	137.8	2.028	.5610-01	.1643	-5.454	-.3010-01

TEST DATA

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

E.T., LO2 AGZR FRNG
E.T., LO2 ANTIGEYER FRNG

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(RG1H15)

IH11. MODEL 84-T. E.T., LO2 ANTIGEYER FRNG

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	PN/FT /FT X10 ⁶	PO PSFA	P PSFA	Q PSF	T0 DEG R
45	2.989	.1742-01	1.985	2454.	67.91	424.7	240.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CP1/SI
45	31.790	.36300	553.00	80.28	1.182	.3270-01	.2910-01	-5.589	-.5200-02
45	32.770	.37300	555.00	58.12	.8558	.2370-01	-.2300-01	-5.642	.4100-02
45	33.750	.36300	554.00	113.1	1.666	.4610-01	.1064	-5.512	-.1930-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

E.T. .LO2 AGZR FRNG
E.T. .LO2 ANTI GEYSER FRNG

IH11. MODEL 84-T. E.T. .LO2 ANTI GEYSER FRNG

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁻⁶	P ₀ PSFA	P PSFA	Q PSF	T ₀ DEG R
45	2.989	-4.952	1.987	2456.	67.94	425.0	240.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CPI/SI
45	31.790	.36300	553.00	83.92	1.235	.3420-01	.3760-01	-5.581	-.6700-02
45	32.770	.37300	555.00	66.61	.9804	.2710-01	-.3100-02	-5.622	.6000-03
45	33.750	.36300	554.00	191.0	2.811	.7780-01	.2895	-5.329	-.5430-01

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(RG/H15)

DATE 01 OCT 80

IHI I INTEGRATED VEHICLE PRESSURE DATA

IHI 1. MODEL 84-T. E.T., L02 ANTI GEYSER FRNG

E.T., L02 AGZR FRNG

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(RG1H15)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
40	3.513	-4.949	X10 6 1.886	3481.	44.79	387.0	207.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CP1/SI
40	31.790	.36300	553.00	60.67	1.355	.1740-01	.4100-01	-8.839	-.4600-02
40	32.770	.37300	555.00	50.28	1.123	.1440-01	.1420-01	-8.865	-.1600-02
40	33.750	.36300	554.00	155.0	3.460	.4450-01	.2847	-6.595	-.3310-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

E.T., LO2 AGZR FRNG
E.T., LO2 ANTIGEYSER FRNG

IH11. MODEL 84-T, E.T., LO2 ANTIGEYSER FRNG

PARAMETRIC DATA

BETA = 5.000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X ¹⁰	P0 PSFA	P PSFA	Q PSF	T0 DEG R
40	3.512	.6188-02	1.864	3481.	44.85	387.3	208.9

TEST CONDITIONS							
RUN NUMBER	THETA	X/LREF	TAP NO	P1/P PSFA	P1/FO	CP(1)	CP(SI)

TEST DATA							
40	31.790	.36300	553.00	59.26	.1700-01	.3720-01	-8.836
40	32.770	.37300	555.00	39.68	.8849	.1140-01	-1.330-01
40	33.750	.36300	554.00	86.17	1.921	.2470-01	.1067

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-T. E.T.-L02 ANTI GEYSER FRNG

E.T.-L02 AGZR FRNG

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(RG1H15)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	PO PSFA	P PSFA	Q PSF	T0 DEG R
40	3.512	5.040	1.859	3483.	44.88	387.5	209.4

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CP1/SI
40	31.790	.36300	553.00	.57.03	1.271	.1640-01	.3140-01	-8.841	-.3500-02
40	32.770	.37300	555.00	28.99	.6460	.8300-02	.4100-01	-8.913	.4600-02
40	33.750	.36300	554.00	94.69	2.110	.2720-01	.1285	-6.744	-.1470-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-OTS, E.T.-AFT ELECTRICAL FRNG
E.T.-AFT ELEC FRNG

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(RG1101)

E.T.-AFT ELEC FRNG

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	TO DEG R
3	2.495	-5.000	X10 6 2.160	1945.	114.8	500.1	287.8

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/F0	CP(I)	CP(SI)	CP(SI)
3	33.750	.38800	557.00	180.8	1.575	.9300-01	.1321	-3.528	-3740-01
3	36.000	.40600	558.00	209.6	1.826	.1078	.1896	-3.470	-5460-01
3	37.700	.40600	559.00	212.9	1.855	.1095	.1962	-3.463	-5670-01
3	37.700	.40900	560.00	171.9	1.497	.8940-01	.1141	-3.545	-3220-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-OTS. E.T..AFT ELECTRICAL FRNG

E.T..AFT ELEC FRNG

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(RGII01)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	PO PSFA	P PSFA	Q PSF	TO DEG R
3	2.495	.4009-02	2.160	1946.	114.9	500.3	288.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P111 PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CP1/SI
3	33.750	.38800	557.00	168.3	1.466	.8650-01	.1069	-3.553	-.3010-01
3	36.000	.40600	558.00	207.8	1.809	.1068	.1859	-3.474	-.5350-01
3	37.700	.40600	559.00	205.2	1.787	.1055	.1806	-3.479	-.5190-01
3	37.700	.40900	560.00	144.0	1.254	.7400-01	.5830-01	-3.601	-.1620-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-OTS, E.T., AFT ELECTRICAL FRNG
E.T., AFT ELEC FRNG

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(RGII01)

E.T., AFT ELEC FRNG

PARAMETRIC DATA

BETA = -5.000

••• TEST CONDITIONS •••

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P PSF A	Q PSF	TO DEG R
3	2.495	5.016	2.161	1946.	114.9	500.3	287.9

••• TEST DATA •••

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁) PSF A	P ₁ /P	P ₁ /P ₀	C _P (1)	C _P (S1)	C _P (S1)
3	33.750	.38800	557.00	154.1	1.342	.7920-01	.7840-01	-3.581	-.2190-01
3	36.000	.40600	558.00	202.8	1.766	.1042	.1758	-3.484	-.5050-01
3	37.700	.40500	559.00	253.6	2.208	.1304	.2775	-3.382	-.8200-01
3	37.700	.40900	560.00	163.6	1.424	.8410-01	.9740-01	-3.562	-.2730-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-OTS. E.T..AFT ELECTRICAL FRNG

E.T..AFT ELEC FRNG

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(RGII01)

PARAMETRIC DATA

BETA = -5.000

•••TEST CONDITIONS•••

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	PO PSFA	P PSFA	Q PSF	TO DEG R
9	2.989	5.010	1.966	2449.	67.80	424.0	241.5

•••TEST DATA•••

RUN NUMBER	THETA	X/LREF	TAP NO	P11 PSFA	P1/P	P1/PO	CPI(1)	CP(S1)	CP1/S1
9	33.750	.38800	557.00	89.53	1.321	.3660-01	.5130-01	-5.566	-.9200-02
9	36.000	.40600	558.00	103.7	1.529	.4230-01	.8470-01	-5.532	-.1530-01
9	37.700	.40600	559.00	136.1	2.008	.5560-01	.1612	-5.456	-.2950-01
9	37.700	.40900	560.00	103.8	1.531	.4200-01	.8490-01	-5.532	-.1530-01

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DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-OTS, E.T., AFT ELECTRICAL FRNG

E.T., AFT ELEC FRNG

PAGE 1753
(RGII01)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT 'FT	P0 PSFA X10 6	P PSFA	Q PSF	T0 DEG R
9	2.989	-4.988	1.987	2451.	67.80	424.1	239.6

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP(S1)
9	33.750	.38800	557.00	99.82	1.472	.4070-01	.7550-01	-5.543	-.1360-01
9	36.000	.40600	558.00	134.1	1.977	.5470-01	.1563	-5.463	-.2860-01
9	37.700	.40600	559.00	138.7	2.046	.5660-01	.1673	-5.451	-.3070-01
9	37.700	.40900	560.00	108.6	1.602	.4430-01	.9620-01	-5.523	-.1740-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, E.T., AFT ELECTRICAL FRNG

E.T., AFT ELEC FRNG

PAGE 1754
(RGII101)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
9	2.999	.1397-01	1.986	2449.	67.75	423.8	239.6

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CP1/SI
9	33.750	.38800	557.00	90.17	1.331	.3680-01	.5290-01	-5.566	-.9500-02
9	36.000	.40600	558.00	109.8	1.620	.4480-01	.9920-01	-5.520	-.1800-01
9	37.700	.40600	559.00	115.6	1.707	.4720-01	.1130	-5.506	-.2050-01
9	37.700	.40900	560.00	93.83	1.385	.3930-01	.6150-01	-5.557	-.1110-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-OTS. E.T., AFT ELECTRICAL FRNG
E.T., AFT ELEC FRNG

(RG1101)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P ₀ PSFA	P PSFA	Q PSF	T ₀ DEG R
9	2.989	4.983	1.986	2451.	67.82	424.2	239.8

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁ PSFA	P ₁ /P ₀	CP(1)	CP(S1)	CPI/SI
9	33.750	.38800	557.00	.88.33	1.302	.3600-01	-5.570	-.8700-02
9	36.000	.40600	558.00	111.3	1.641	.4540-01	-5.516	-.1860-01
9	37.700	.40600	559.00	137.3	2.025	.5600-01	.1638	-.5.455
9	37.700	.40910	560.00	104.9	1.547	.4280-01	.8750-01	-.3000-01
							-5.531	-.1580-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-OTS. E.T..AFT ELECTRICAL FRNG

E.T..AFT ELEC FRNG

PAGE 1756
(RGII01)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN	MACH	ALPHA DEG.	RN AFT /FT X10 ⁶	P ₀ PSF A	P ⁰ PSF A	Q PSF	TO DEG R
6	3.510	-4.970	1.808	3477.	44.92	387.5	213.7

TEST DATA

RUN	THETA	X/LREF	TAP NO	P(1) PSF A	P ₁ /P	P ₁ /P ₀	CP(1)	CP(S1)	CP(S1)
6	33.750	.38800	557.00	75.04	1.670	.2160-01	.7770-01	-8.780	-.8900-02
6	36.000	.40600	558.00	95.17	2.119	.2740-01	.1297	-8.728	-.1490-01
6	37.700	.40600	559.00	97.56	2.172	.2810-01	.1358	-8.722	-.1560-01
6	37.700	.40900	560.00	78.37	1.745	.2230-01	.8630-01	-8.772	-.9800-02

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

E.T. AFT ELEC FRNG
E.T. AFT ELECTRICAL FRNG

IHII. MODEL 84-OTS. E.T. AFT ELECTRICAL FRNG

PAGE 1757
(RG1101)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
6	3.510	-.5379-01	1.804	3476.	44.91	387.4	213.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP1/S1
6	33.750	.38800	557.00	62.25	1.386	.1790-01	.4480-01	-8.812	-.5100-02
6	36.000	.40600	558.00	79.56	1.772	.2290-01	.6940-01	-8.768	-.1020-01
6	37.700	.40600	559.00	78.54	1.749	.2250-01	.6680-01	-8.770	-.9900-02
6	37.700	.40900	560.00	64.13	1.428	.1940-01	.4960-01	-8.808	-.5600-02

DATE 01 OCT 80

IHI1 INTEGRATED VEHICLE PRESSURE DATA

IHI1. MODEL 84-OTS. E.T..AFT ELECTRICAL FRNG

E.T..AFT ELEC FRNG

PAGE 1758
(RGII01)

PARAMETRIC DATA

BETA = -5.000

•••TEST CONDITIONS•••

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	TO DEG R
6	3.510	5.024	1.804	3474.	44.89	387.2	213.9

•••TEST DATA•••

RUN NUMBER	THETA X/L REF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(5)	CP(11)
6	33.750	.38800	557.00	62.24	1.387	.1790-01	.4480-01	-8.812
6	36.000	.40600	558.00	70.78	1.577	.2040-01	.6690-01	-8.790
6	37.700	.40600	559.00	79.40	1.769	.2290-01	.8910-01	-8.768
6	37.700	.40900	560.00	67.28	1.499	.1940-01	.5780-01	-8.799

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DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-OTS, E.T., AFT ELECTRICAL FRNG
E.T., AFT ELEC FRNG

(RGII02)

PARAMETRIC DATA

BETA * .0000

		TEST CONDITIONS					
RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
2	2.495	5.028	2.160	1945.	114.8	500.2	287.8
		TEST DATA					
RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/P0	CP(1)
2	33.750	.38800	557.00	124.0	1.080	.6370-01	.1830-01
2	36.000	.40600	558.00	237.5	2.068	.1221	.2452
2	37.700	.40600	559.00	258.8	2.254	.1330	.2878
2	37.700	.40900	560.00	279.4	2.433	.1437	.3291

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-OTS. E.T., AFT ELECTRICAL FRNG

E.T., AFT ELECTRICAL FRNG

PAGE 1760
(RG1102)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	0 PSF	T0 DEG R
2	2.495	-.2788-01	2.160	1946.	114.9	500.3	288.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP :0	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CP(S1)
2	33.750	.38800	557.00	139.5	1.215	.7170-01	.4940-01	-3.610	-.1370-01
2	36.000	.40600	558.00	220.7	1.922	.1135	.2117	-3.448	-.6140-01
2	37.700	.40600	559.00	256.0	2.229	.1316	.2821	-3.377	-.8350-01
2	37.700	.409n0	560.00	173.3	1.509	.8910-01	.1169	-3.543	-.3300-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-OTS, E.T., AFT ELECTRICAL FRNG
(RG1102)

E.T., AFT ELEC FRNG

PARAMETRIC DATA

BETA = .0000

		TEST CONDITIONS				***TEST DATA***			
RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R	CPI/SI	
2	2.495	-4.996	2.162	1946.	114.9	500.4	287.8		
RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P0	CP(1)	CP(S1)	CPI/SI	
2	33.750	.38800	557.00	161.3	1.404	.8290-01	-3.567	-.2600-01	
2	36.000	.40600	558.00	225.9	1.956	.1161	.2218	-.6450-01	
2	37.700	.40600	559.00	218.8	1.904	.1124	.2076	-.6020-01	
2	37.700	.40900	560.00	165.2	1.438	.8490-01	.1005	-.2830-01	

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, E.T., AFT ELECTRICAL FRNG

E.T., AFT ELEC FRNG

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(RG1102)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/F _T /F _T	P _O	P _{SFA}	P ₀	T ₀	DEG R
8	2.989	5.010	X10 ⁶ 1.990	2453.	67.87	424.6	239.6	

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁	P _{1/P}	P _{1/FO}	CP(1)	CP(S1)	CP(1/S1)
8	33.750	.38800	557.00	64.50	.9503	.2630-01	-7900-02	-5.627	.1400-02
8	36.000	.40600	558.00	119.6	1.762	.4880-01	.1219	-5.497	-.220-01
8	37.700	.40600	559.00	157.0	2.313	.6400-01	.2100	-5.409	-.3880-01
8	37.700	.40900	560.00	143.2	2.110	.5840-01	.1774	-5.442	-.3260-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

E.T., AFT ELEC FRNG
E.T., AFT ELECTRICAL FRNG

IH11, MODEL 84-OTS, E.T., AFT ELECTRICAL FRNG

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT x10 ⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
8	2.989	.1397-01	1.988	2451.	67.61	424.2	239.6

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P ₁ /P	P ₁ /FO	CP(1)	CP(SI)	CP(SI)
8	33.750	.38800	557.00	71.07	1.048	.2900-01	.7700-02	-5.611	-.1400-02
8	36.000	.40600	558.00	117.3	1.723	.4780-01	.1166	-5.502	-.2120-01
8	37.700	.40600	559.00	126.9	1.872	.5180-01	.1393	-5.479	-.2540-01
8	37.700	.40900	560.00	80.96	1.194	.3300-01	.3100-01	-5.588	-.5500-02

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DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-OTS. E.T..AFT ELECTRICAL FRNG
E.T..AFT ELEC FRNG

PAGE 1764
(RGII02)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P ₀ PSFA	0 PSF	TO DEG R
8	2.989	-5.000	1.985	2448.	67.75	423.7	239.7

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P/I/P	P/I/PO	CP(I)	CP(SI)	CP1/SI
8	33.750	.38800	557.00	85.01	1.255	.3470-01	.4080-01	-5.578	-.7300-02
8	36.000	.40600	558.00	136.7	2.018	.5580-01	.1627	-5.456	-.2980-01
8	37.700	.40600	559.00	137.1	2.024	.5600-01	.1637	-5.455	-.3000-01
8	37.700	.40900	560.00	91.83	1.355	.3750-01	.5680-01	-5.562	-.1020-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-OTS. E.T..AFT ELECTRICAL FRNG
(RGII02)

E.T..AFT ELEC FRNG

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	TO DEG R
5	3.511	5.008	X10 6 1.812	3479.	44.93	387.6	213.4

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CP1/SI
5	33.750	.38800	557.00	44.62	.9932	.1280-01	.8000-03	-8.860	.1000-03
5	36.000	.40600	558.00	75.50	1.681	.2170-01	.7890-01	-8.780	-.9000-02
5	37.700	.40600	559.00	96.59	1.927	.2490-01	.1075	-6.752	-.1230-01
5	37.700	.40900	560.00	78.91	1.756	.2270-01	.8770-01	-8.771	-.1000-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-OTS, E.T., AFT ELECTRICAL FRNG

E.T., AFT ELEC FRNG

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(RG1102)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RNU/FT /FT X10 ⁻⁶	P ₀ PSF A	P ₀ PSF	TO DEG R
5	3.510	.1597-01	1.807	3478.	44.93	387.6
						213.8

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁₁ PSF A	P ₁ /P	P ₁ /F ₀	CP(1)	CP(SI)	CP(SI)
5	33.750	.38800	557.00	50.24	1.118	.1440-01	.1370-01	-8.844	-.1500-02
5	36.000	.40600	558.00	78.49	1.747	.2260-01	.8660-01	-8.771	-.9900-02
5	37.700	.40600	559.00	86.17	1.918	.2480-01	.1064	-8.751	-.1220-01
5	37.700	.409010	560.00	68.68	1.528	.1970-01	.6130-01	-8.796	-.7000-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-OTS, E.T., AFT ELECTRICAL FRNC

E.T., AFT ELEC FRNC

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(RG1102)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P0 PSFA	TO DEG R
5	3.510	-4.962	X10 6 1.807	3478.	44.94	387.6 213.8

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P1(P) PSFA	P1/P	P1/PO	CP(11)	CP(S1)	CP(S1)
5	33.750	.38800	557.00	69.01	1.536	.1980-01	.6210-01	-8.796	-.7100-02
5	36.000	.40600	558.00	105.2	2.341	.3020-01	.1555	-8.702	-.1790-01
5	37.700	.40600	559.00	112.1	2.495	.3220-01	.1733	-6.684	-.2000-01
5	37.700	.40900	560.00	79.51	1.769	.2290-01	.8920-01	-8.769	-.1020-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-0TS, E.T., AFT ELECTRICAL FRNG

E.T., AFT ELEC FRNG

PAGE 1769
(RG1103)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	TO DEG R
1	2.495	-4.988	X10 6 2.191	1946.	114.8	500.2	285.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(L) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CP1/SI
1	33.750	.38800	557.00	161.9	1.411	.8320-01	.9420-01	-3.567	.2640-01
1	36.000	.40600	558.00	339.8	2.960	.1746	.4497	-3.211	.1401
1	37.700	.40600	559.00	380.9	3.318	.1958	.5320	-3.129	.1700
1	37.700	.40900	560.00	310.8	2.707	.1597	.3918	-3.269	.1199

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-OTS, E.T., AFT ELECTRICAL FRNG
E.T., AFT ELEC FRNG

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(RG1103)

E.T., AFT ELEC FRNG

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF ^A	P PSF ^A	Q PSF	T ₀ DEG R
1	2.494	-1193.01	2.155	1945.	114.8	500.2	288.4

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSF ^A	P ₁ /P	P ₁ /P ₀	CP(I)	CP(S)	CP(S)	CP(S)
1	33.750	.38800	557.00	135.4	1.179	.6960-01	.4120-01	-3.618	-1.140-01	
1	36.000	.40500	558.00	376.7	3.280	.1937	.5235	-3.136	-1.169	
1	37.700	.40600	559.00	317.8	2.768	.1634	.4059	-3.253	-1.1247	
1	37.700	.40900	560.00	365.1	3.179	.1877	.5003	-3.159	-1.1594	

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-OTS. E.T., AFT ELECTRICAL FRNG

E.T., AFT ELEC FRNG

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(RGII03)

E.T., AFT ELECTRICAL FRNG

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RNU/FT FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEGR
1	2.495	5.028	2.160	1946.	114.9	500.4	287.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P/I/P	P/I/FO	CP(I)	CP(SI)	CP(SI)	CP(SI)
1	33.750	.36800	557.00	114.3	.9953	.5680-01	-1100-02	-3.661	.3000-03	
1	36.000	.40600	558.00	368.6	3.209	.1894	.5071	-3.153	.1608	
1	37.700	.40600	559.00	316.7	2.757	.1628	.4034	-3.256	.1239	
1	37.700	.40900	560.00	272.7	2.374	.1401	.3153	-3.344	.9430-01	

DATE 01 OCT 80

E.T., AFT ELEC FRNG

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, E.T., AFT ELECTRICAL FRNG

PARAMETRIC DATA

BETA * 5.000

TEST CONDITIONS							
RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P ₀ PSFA	Q PSF	T ₀ DEG R
7	2.990	-4.961	2.024	2451.	67.74	423.9	236.4

TEST DATA							
RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P/I/P	P/I/P0	CP(I)
7	33.750	.38800	557.00	88.63	1.308	.3620-01	.4530-01 -5.573
7	36.000	.40600	558.00	170.2	2.513	.6940-01	.2117 -5.381
7	37.700	.40600	559.00	147.6	2.180	.6020-01	.1885 -5.434
7	37.700	.40900	560.00	122.5	1.809	.5000-01	.1292 -.3470-01 -.2350-01

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(RG1103)

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-OTS. E.T.,AFT ELECTRICAL FRNG

E.T.,AFT ELEC FRNG

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(RG1103)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSF A	P0 PSF	TO DEG R
7	2.990	-3186-01	2.017	2453.	67.80	424.2

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CP1/SI
7	33.750	.38800	557.00	69.14	1.020	.2820-01	.3200-02	-5.619	-6000-03
7	36.000	.40600	558.00	145.2	2.142	.5920-01	.1825	-5.429	-3360-01
7	37.700	.40600	559.00	178.2	2.629	.7270-01	.2603	-5.362	-4850-01
7	37.700	.40900	560.00	144.1	2.126	.5980-01	.1799	-5.442	-3310-01

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DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-OTS, E.T. .AFT ELECTRICAL FRNG

E.T. .AFT ELEC FRNG

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(RG1103)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	T DEG R
7	2.989	4.993	1.997	2452.	67.81	424.2	238.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CP(S1)
7	33.750	.38800	557.00	58.14	.8575	.2370-01	-.2280-01	-5.642	.4000-02
7	36.000	.40600	558.00	191.3	2.821	.7800-01	.2911	-5.329	-.5460-01
7	37.700	.40600	559.00	175.8	2.592	.7170-01	.2546	-5.365	-.4740-01
7	37.700	.40900	560.00	157.1	2.317	.6410-01	.2105	-5.409	-.3890-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-OTS. E.T..AFT ELECTRICAL FRNG

E.T..AFT ELEC FRNG

PAGE 1774
(RG103)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	0 PSF	TO DEG R
7	2.989	4.984	1.997	2452.	67.83	424.3	238.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(SI)	CPI/SI
7	33.750	.38800	557.00	58.49	.8624	.2390-01	-.2200-01	-5.642	.3900-02
7	36.000	.40600	558.00	193.6	2.854	.7890-01	.2964	-5.323	-.5570-01
7	37.700	.40600	559.00	174.9	2.578	.7130-01	.2523	-5.368	-.4700-01
7	37.700	.40900	560.00	158.2	2.332	.6450-01	.2129	-5.407	-.3940-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-OTS, E.T., AFT ELECTRICAL FRNG
(RGII103)

E.T., AFT ELEC FRNG

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
4	3.511	-4.970	X10 6 1.813	3478.	44.91	387.5	213.2

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P/I/P	P/I/FO	CP(I)	CP(SI)	CP(SI)
4	33.750	.38800	557.00	67.78	1.509	.1950-01	.5900-01	-8.801	-.6700-02
4	36.000	.40600	558.00	121.6	2.708	.3500-01	.1980	-8.661	-.2290-01
4	37.700	.40600	559.00	111.7	2.488	.3210-01	.1725	-6.687	-.1990-01
4	37.700	.40900	560.00	61.39	1.367	.1770-01	.4250-01	-8.817	-.4800-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-OTS. E.T..AFT ELECTRICAL FRNG

E.T..AFT ELEC FRNG

PAGE 1776
(RG1103)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P ₀ PSF A	P ₀ PSF A	TO DEG R
4	3.511	-.1970-02	1.808	3479.	44.94	387.7 213.7

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(S)	CP1/SI
4	33.750	.38800	557.00	48.11	1.071	.1380-01	.8200-02	-8.850	-.9000-03
4	36.000	.40600	558.00	96.80	2.154	.2780-01	.1338	-8.724	-.1530-01
4	37.700	.40600	559.00	131.9	2.936	.3790-01	.2244	-8.624	-.2600-01
4	37.700	.40900	560.00	100.6	2.237	.2890-01	.1434	-8.715	-.1650-01

DATE 01 OCT 80

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IHI INTEGRATED VEHICLE PRESSURE DATA
IHI, MODEL B4-OTS, E.T., AFT ELECTRICAL FRNG
(RGII03)

E.T., AFT ELEC FRNG

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
4	3.510	5.002	1.807	3478.	44.93	387.6	213.7

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP(S1)
4	33.750	.38800	557.00	39.4	.8769	.1130-01	-.1430-01	-8.872	.1600-02
4	36.000	.40600	558.00	116.4	2.591	.3350-01	.1844	-8.673	-.2130-01
4	37.700	.40600	559.00	116.6	2.595	.3350-01	.1849	-8.673	-.2130-01
4	37.700	.40900	560.00	107.6	2.396	.2090-01	.1618	-8.696	-.1860-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-OTS, E.T.-AFT ELECTRICAL FRNG

E.T.-AFT ELEC FRNG

PAGE 1778
(RG1104)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	PN/FT /FT X10 ⁻⁶	PO PSFA	\tilde{P} PSFA	Q PSF	T ₀ DEG R
10	2.495	4.998	2.162	1949.	115.0	501.1	288.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CPI/SI
10	33.750	.38800	557.00	154.0	1.339	.7900-01	.7790-01	-3.582	-.2170-01
10	36.000	.40600	558.00	201.2	1.749	.1033	.1720	-3.488	-.4930-01
10	37.700	.40600	559.00	252.8	2.198	.1297	.2750	-3.385	-.8120-01
10	37.700	.40910	560.00	158.6	1.378	.8140-01	.8690-01	-3.573	-.2430-01

ORIGINAL DATA
CPI

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-OTS, E.T., AFT ELECTRICAL FRNG
E.T., AFT ELEC FRNG

PAGE 1779
(RG1104)

PARAMETRIC DATA

BETA = -5.000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
10	2.495	.1995-01	2.168	1950.	115.1	501.2	287.6

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP1/S1
10	33.750	.38800	557.00	167.9	1.459	.8610-01	.1054	-3.555	-.2960-01
10	36.000	.40600	558.00	208.5	1.812	.1070	.1865	-3.473	-.5370-01
10	37.700	.40600	559.00	207.0	1.799	.1062	.1834	-3.476	-.5280-01
10	37.700	.40900	560.00	141.5	1.230	.7260-01	.5280-01	-3.607	-.1460-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-OTS. E.T., AFT ELECTRICAL FRNG

E.T., AFT ELEC FRNG

PAGE 1780
(RG1104)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	TO DEG R
10	2.495	-4.990	2.166	1948.	115.0	501.0	287.7

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CPI/SI
10	33.750	.38800	557.00	180.7	1.572	.9280-01	.1312	-3.528	-.3720-01
10	36.000	.40600	558.00	211.2	1.837	.1084	.1921	-3.468	-.5540-01
10	37.700	.40600	559.00	212.7	1.849	.1092	.1950	-3.465	-.5630-01
10	37.700	.40900	560.00	168.2	1.463	.8530-01	.1062	-3.554	-.2990-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-OTS, E.T., AFT ELECTRICAL FRNG

E.T., AFT ELEC FRNG

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(RG1105)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
11	2.495	-5.014	X10 ⁶ 2.163	1948.	115.0	501.0	287.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CPI/SI
11	33.750	.38800	557.00	160.7	1.398	.8250-01	.9130-01	-3.568	-.2560-01
11	36.000	.40600	558.00	225.9	1.964	.1160	.2214	-3.438	-.6440-01
11	37.700	.40600	559.00	220.3	1.915	.1131	.2102	-3.449	-.6090-01
11	37.700	.40900	560.00	162.3	1.411	.82330-01	.9440-01	-3.565	-.2650-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-OTS, E.T..AFT ELECTRICAL FRNG

E.T..AFT ELEC FRNG

PAGE 1782
(RG1105)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT FT	PO PSFA	P PSFA	Q PSF	TO DEG R
11	2.495	.1198-01	X10 6 2.166	1948.	115.0	500.8	287.5

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CPI/SI
11	33.750	.38800	557.00	138.9	1.208	.7130-01	.4770-01	-3.612	-.1320-01
11	36.000	.40600	558.00	219.0	1.905	.1125	.2078	-3.452	-.6020-01
11	37.700	.40600	559.00	250.6	2.180	.1287	.2709	-3.389	-.7990-01
11	37.700	.40900	560.00	168.1	1.462	.8530-01	.1061	-3.554	-.2990-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-OTS, E.T., AFT ELECTRICAL FRNG

E.T., AFT ELEC FRNG

PAGE 1783
(RG1105)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	PO PSFA	P PSFA	Q PSF	TO DEG R
11	2.495	4.990	2.155	1949.	115.0	501.0	287.8

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P11 PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CP(SI)
11	33.750	.38800	557.00	123.6	1.074	.6340-01	.1710-01	-3.643	-.4700-02
11	36.000	.40600	558.00	234.3	2.037	.1202	.2381	-3.422	-.6960-01
11	37.700	.40500	559.00	256.7	2.232	.1317	.2828	-3.377	-.8370-01
11	37.700	.40900	560.00	268.9	2.338	.1380	.3071	-3.353	-.9160-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-OTS. E.T..AFT ELECTRICAL FRNG

E.T..AFT ELEC FRNG

PAGE 1784
(RGII06)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	TO DEG R
12	2.495	5.022	X10 6 2.166	1948.	115.0	501.0	287.7

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CPI/SI
12	33.750	.38800	557.00	113.6	.9875	.5830-01	.2900-02	-3.663	.8000-03
12	36.000	.40600	558.00	368.0	3.200	.1889	.5050	-3.155	-.1601
12	37.700	.40600	559.00	315.8	2.746	.1621	.4009	-3.259	-.1230
12	37.700	.40900	560.00	270.0	2.348	.1386	.3094	-3.350	-.9230-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-OTS, E.T.,AFT ELECTRICAL FRNG

E.T.,AFT ELEC FRNG

PAGE 1765
(RG1106)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG	RN/FT /FT	PO PSFA	P PSFA	Q PSF	T0 DEG R
12	2.495	.3590-01	x10.6 2.163	1947.	114.9	500.7	287.8

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CP(S1)
12	33.750	.38800	557.00	134.8	1.173	.6920-01	.3970-01	-3.620	-1.100-01
12	36.000	.40600	558.00	379.8	3.304	.1950	.5290	-3.131	-1.690
12	37.700	.40600	559.00	317.7	2.764	.1631	.4049	-3.255	-1.244
12	37.700	.40900	560.00	359.6	3.129	.1847	.4886	-3.171	-1.154

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-OTS. E.T., AFT ELECTRICAL FRNG

E.T., AFT ELECTRICAL FRNG

PAGE 1786
(RG1106)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RIN/FT X10 ⁶	PO PSFA	P PSFA	Q PSF	T0 DEG R
12	2.495	-4.990	2.164	1947.	114.9	500.7	287.7

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CP(S1)
12	33.750	.38600	557.00	160.0	1.392	.8210-01	.8990-01	-3.570	-.2520-01
12	36.000	.40600	558.00	330.8	2.878	.1699	.4311	-3.229	-.1335
12	37.700	.40900	559.00	380.0	3.306	.1951	.5294	-3.130	-.1691
12	37.700	.40900	560.00	301.9	2.626	.1550	.3734	-3.286	-.1136

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-01, E.T., AFT ELECTRICAL FRNG

E.T., AFT ELEC FRNG

PAGE 1787
(RG1107)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	0 PSF	T0 DEG R
21	2.495	-4.975	X10 6 2.159	1948.	115.0	500.9	288.3

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/F0	CP(I)	CP(SI)	CPI/SI
21	33.750	.38800	557.00	52.17	.4537	.2680-01	-.1254	-.3.785	.3310-01
21	36.000	.40600	558.00	94.57	.8223	.4850-01	-.4080-01	-.3.700	.1100-01
21	37.700	.40600	559.00	85.03	.7394	.4370-01	-.5980-01	-.3.719	.1610-01
21	37.700	.40900	560.00	84.52	.7350	.4340-01	-.6080-01	-.3.720	.1640-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-0T. E.T. AFT ELECTRICAL FRNG

E.T. AFT ELEC FRNG

PAGE 1788
(RGII107)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	PO PSFA	P PSFA	Q PSF	TO DEG R
21	2.495	.9988-02	2.160	1948.	115.0	500.9	288.2

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(SI)	CPI/SI
21	33.750	.38800	557.00	68.25	.5935	.3500-01	-.9330-01	-3.753	.2490-01
21	36.000	.40600	558.00	105.7	.9191	.5430-01	-.1860-01	-3.678	.5000-02
21	37.700	.40600	559.00	116.6	1.014	.5990-01	.3200-02	-3.656	-.9000-03
21	37.700	.40900	560.00	97.78	.8503	.5020-01	-.3440-01	-3.694	.9300-02

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DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-01. E.I. AFT ELECTRICAL FRNG
(RGII07)

E.I. AFT ELEC FRNG

PARAMETRIC DATA

PAGE 1790
(RGII07)

E.I. AFT ELECTRICAL FRNG

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁻⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
16	2.989	5.018	1.975	2455.	67.94	424.9	241.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P/I/P	P/I/FO	CP(I)	CP(SI)	CP(SI)
16	33.750	.38800	557.00	38.88	.5722	.1580-01	-6840-01	-5.686	.1200-01
16	36.000	.40600	558.00	61.72	.9084	.2510-01	-1460-01	-5.632	.2600-02
16	37.700	.40600	559.00	72.37	1.065	.2950-01	-1040-01	-5.607	-.1900-02
16	37.700	.40900	560.00	65.30	.9611	.2560-01	-.6200-02	-5.624	.1100-02

DATE 01 OCT 80

IH1 INTEGRATED VEHICLE PRESSURE DATA
IH1. MODEL 84-01. E.T., AFT ELECTRICAL FRNG
E.T., AFT ELEC FRNG

PAGE 1791
IRGII1071

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P0 PSFA	Q0 PSF	T0 DEG R
16	2.989	.1597-01	X10 6 1.971	2451.	67.85	424.3	241.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(SI)	CPI/SI
16	33.750	.38800	557.00	34.14	.5032	.1390-01	-.7940-01	-5.697	.1390-01
16	36.000	.40600	558.00	58.49	.8621	.2390-01	-.2200-01	-5.639	.3900-02
16	37.700	.40600	559.00	62.84	.9261	.2560-01	-.1180-01	-5.629	.2100-02
16	37.700	.40900	560.00	53.81	.7931	.2200-01	-.3310-01	-5.650	.5900-02

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

E.T., AFT ELEC FRNG

IHII. MODEL 84-01. E.T., AFT ELECTRICAL FRNG

PAGE 1792
IRGII071

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
16	2.989	-5.000	1.979	2455.	67.94	424.9	240.6

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P/I/P	P/I/P0	CP(I)	CP(SI)	CP1/SI
16	33.750	.38800	557.00	27.28	.4015	.1110-01	-9570-01	-5.714	.1670-01
16	36.000	.40600	558.00	54.79	.8064	.2230-01	-.3090-01	-5.649	.5500-02
16	37.700	.40600	559.00	49.60	.7300	.2020-01	-.4320-01	-5.661	.7600-02
16	37.700	.40900	560.00	49.26	.7250	.2010-01	-.4400-01	-5.662	.7800-02

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-0T, E.T., AFT ELECTRICAL FRNG

E.T., AFT ELEC FRNG

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(RGII107)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	T0 DEG R
15	3.511	-5.022	X10 ⁻⁶ 1.828	34.78.	44.88	387.3	211.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CP(SI)
15	33.750	.38800	557.00	18.50	.4121	.5300-02	-.6810-01	-8.932	.7600-02
15	36.000	.40600	558.00	34.50	.7686	.9900-02	-.2680-01	-8.890	.3000-02
15	37.700	.40600	559.00	31.60	.7042	.9100-02	-.3430-01	-6.898	.3900-02
15	37.700	.40900	560.00	32.71	.7288	.8400-02	-.3140-01	-8.895	.3500-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL B4-0T, E.T., AFT ELECTRICAL FRNG

E.T., AFT ELEC FRNG

PAGE 1794
(RG1107)

PARAMETRIC DATA

BETA = -5,000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	PO PSFA	P PSFA	Q PSF	TO DEG R
15	3.511	.2394-01	1.827	3481.	44.92	387.7	212.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CP(SI)
15	33.750	.38800	557.00	18.64	.4150	.5400-02	-.6780-01	-8.931	.7600-02
15	36.000	.40600	558.00	35.57	.7919	.1020-01	-.2410-01	-8.888	.2700-02
15	37.700	.40600	559.00	38.21	.8506	.1100-01	-.1730-01	-8.881	.1900-02
15	37.700	.40900	560.00	32.85	.7313	.9400-02	-.3110-01	-8.895	.3500-02

ORIGINAL PAPER
OF FOUR COPIES

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-0T. E.T., AFT ELECTRICAL FRNG

E.T., AFT ELEC FRNG

PAGE 1795
(RGII07)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁻⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
15	3.511	4.983	1.827	3478.	44.88	387.3	212.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CP(SI)
15	33.750	.38800	557.00	23.40	.5213	.6700-02	.5550-01	-8.919	.6200-02
15	36.000	.40600	558.00	37.45	.8343	.1080-01	-.1920-01	-8.883	.2200-02
15	37.700	.40600	559.00	43.07	.9596	.1210-01	-.4700-02	-8.868	.5000-03
15	37.700	.40900	560.00	39.92	.8894	.1150-01	-.1280-01	-8.876	.1400-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-01, E.T., AFT ELECTRICAL FRNG

E.T., AFT ELEC FRNG

PAGE 1796
(RGII08)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
20	2.495	4.967	2.165	1950.	115.1	501.4	287.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁ PSF A	P ₁ /P	P ₁ /P ₀	CP(1)	CP(SI)	CP(SI)
20	33.750	.38800	557.00	83.90	.7289	.4300-01	.6220-01	-3.722	.1670-01
20	36.000	.40600	558.00	142.7	.1240	.7320-01	.5510-01	-3.605	.1530-01
20	37.700	.40600	559.00	154.7	.1344	.7530-01	.7890-01	-3.581	.2200-01
20	37.700	.40900	560.00	135.5	.1177	.6950-01	.4070-01	-3.619	.1120-01

DATE 01 OCT 80

IHII. INTEGRATED VEHICLE PRESSURE DATA
E.T..AFT ELECTRICAL FRNG

IHII. MODEL 84-01. E.T..AFT ELECTRICAL FRNG

PAGE 1797
(RGII08)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
20	2.495	.7995-02	2.161	1949.	115.0	501.0	288.2

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P/I/P	P/I/FO	CP(I)	CP(SI)	CP(SI)
20	33.750	.38800	557.00	78.76	.6847	.4040-01	-.7240-01	-3.732	.1940-01
20	36.000	.40600	558.00	172.9	1.503	.8870-01	.1155	-3.594	-.3260-01
20	37.700	.40600	559.00	243.0	2.112	.1247	.2554	-3.404	-.7500-01
20	37.700	.40900	560.00	213.4	1.855	.1095	.1962	-3.463	-.5670-01

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PAGE 1798
IHI 1 INTEGRATED VEHICLE PRESSURE DATA
IHI 1. MODEL 84-0T, E.T., AFT ELECTRICAL FRNG
(RG1108)

E.T., AFT ELEC FRNG

IHI 1 INTEGRATED VEHICLE PRESSURE DATA

IHI 1. MODEL 84-0T, E.T., AFT ELECTRICAL FRNG

E.T., AFT ELEC FRNG

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P PSFA	Q PSF	TO DEG R
20	2.495	-4.953	2.163	1949.	115.1	501.2	288.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CP1/SI
20	33.750	.38800	557.00	92.71	.8057	.4760-01	.4460-01	-3.704	.1200-01
20	36.000	.40600	558.00	144.5	.1.255	.7410-01	.5860-01	-3.601	-.1630-01
20	37.700	.40600	559.00	208.5	.1.812	.1069	.1863	-3.473	-.5360-01
20	37.700	.40900	560.00	171.4	.1.490	.8790-01	.1125	-3.547	-.3170-01

DATE 01 OCT 80

INTEGRATED VEHICLE PRESENCE DATA

E.T.AFT ELEC FRNG

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII, MODEL 84-0T, E.T..AFT ELECTRICAL FRNG

BETA = .0000

*** TEST CONDITIONS ***						
RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P ₀ PSFA	P ₀ PSFA	TO DEGR
17	2.989	-5.010	1.982	2455.	67.94	425.0

TEST DATA						
RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0
17	33.750	.38800	557.00	42.06	.6190	.1710-01
17	36.000	.40600	558.00	87.59	.1289	.3570-01
17	37.700	.40600	559.00	147.5	.2174	.6020-01
17	37.700	.40900	560.00	116.2	1.711	.4730-01

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PAGE 1800
IHI1 INTEGRATED VEHICLE PRESSURE DATA
IHI1. MODEL 84-01. E.I.-AFT ELECTRICAL FRNG
(RGII108)

E.I.-AFT ELEC FRNG

IHI1 INTEGRATED VEHICLE PRESSURE DATA

IHI1. MODEL 84-01. E.I.-AFT ELECTRICAL FRNG

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	PO PSFA	P PSFA	Q PSF	T ₀ DEG R
17	2.989	-.3186-01	1.983	2455.	67.94	425.0	240.3

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP(S1)
17	33.750	.38800	557.00	45.29	.66666	.1840-01	-.5330-01	-5.672	.9400-02
17	36.000	.40600	558.00	100.3	1.476	.4080-01	.76620-01	-5.542	-.1370-01
17	37.700	.40600	559.00	144.9	2.133	.5900-01	.1812	-5.437	-.3350-01
17	37.700	.40900	560.00	122.4	1.802	.4990-01	.1283	-5.490	-.2340-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

E.T., AFT ELEC FRNG

IHII, MODEL 84-0T, E.T.,AFT ELECTRICAL FRNG

PAGE 1801
(RGII08)

PARAMETRIC DATA

BETA = .0000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P _{SFA} PSF	Q TO DEG R
17	2.989	4.975	1.985	2456.	67.95	425.0 240.2

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P _I /P	P _I /FO	CP(I)	CP(SI)	CP(SI)
17	33.750	.38800	557.00	42.04	.6187	.1710-01	-.6100-01	-5.680	.1070-01
17	36.000	.40600	558.00	84.72	1.247	.3450-01	-.3950-01	-5.579	-.7100-02
17	37.700	.40600	559.00	89.67	1.320	.3650-01	.5110-01	-5.567	-.9200-02
17	37.700	.40900	560.00	77.40	1.139	.3150-01	.2220-01	-5.596	-.4000-02

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IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-01. E.T. AFT ELECTRICAL FRNG

E.T. AFT ELEC FRNG

PAGE 1802
(RG)108)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P ₀ PSF _A	P PSF _A	Q PSF	T ₀ DEG R
14	3.512	5.022	1.839	3479.	44.87	387.3	211.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF _A	P ₁ /P	P ₁ /P ₀	CP(1)	CP(SI)	CP(SI)
14	33.750	.38800	557.00	26.71	.5953	.7700-02	.4690-01	-8.913	.5300-02
14	36.000	.40600	558.00	60.58	1.350	.1740-01	.4060-01	-8.826	-.4600-02
14	37.700	.40600	559.00	63.22	1.409	.1820-01	.4740-01	-8.819	-.5400-02
14	37.700	.40900	560.00	52.67	1.174	.1510-01	.2010-01	-8.846	-.2300-02

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

E.T. AFT ELEC FRNG

IHII, MODEL 84-0T. E.T. AFT ELECTRICAL FRNG

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P0 PSFA	TO DEG R
14	3.512	.2394-01	X10 ⁻⁶ 1.837	3477.	44.84	387.1 211.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/P0	CP(I)	CP(SI)	CPI/SI
14	33.750	.38800	557.00	30.67	.6839	.8800-02	-.3660-01	-8.903	.4100-02
14	36.000	.40600	558.00	72.81	1.624	.2090-01	.7220-01	-8.794	-.8200-02
14	37.700	.40600	559.00	103.7	2.313	.2980-01	.1521	-6.714	-.1750-01
14	37.700	.40900	560.00	88.22	1.967	.2540-01	.1120	-8.754	-.1280-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-01. E.T., AFT ELECTRICAL FRNG

E.T., AFT ELEC FRNG

PAGE 1804
(RG1108)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
14	3.511	-4.983	1.831	3478.	44.87	387.3	211.6

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CP1/SI
14	33.750	.38900	557.00	31.86	.7100	.9200-02	.33360-01	-8.898	.3800-02
14	36.000	.40600	558.00	72.87	1.624	.2100-01	.7230-01	-8.792	-.8200-02
14	37.700	.40600	559.00	116.4	2.595	.3350-01	.1848	-6.680	-.2130-01
14	37.700	.40900	560.00	100.4	2.238	.2990-01	.1435	-8.721	-.1650-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-01. E.T., AFT ELECTRICAL FRNG

E.T., AFT ELEC FRNG

PAGE 1805
(RG1109)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
19	2.495	-4.996	2.164	1950.	115.1	501.4	288.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P1/P	P1/FO	CP(I)	CP(SI)	CP(SI)
19	33.750	.38800	557.00	112.8	.9796	.5780-01	-.4700-02	-3.664	.1300-02
19	36.000	.40600	558.00	262.3	2.279	.1345	.2936	-3.366	-.8720-01
19	37.700	.40600	559.00	336.0	2.919	.1723	.4406	-3.219	-.1369
19	37.700	.40900	560.00	286.5	2.489	.1469	.3418	-3.318	-.1030

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-0T. E.T. AFT ELECTRICAL FRNG

E.T., AFT ELEC FRNG

PAGE 1806
(RG1109)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P _{SFA}	Q PSF	TO DEG R
19	2.495	.1397-01	2.163	1950.	115.1	501.3	288.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P ₁ /P	P ₁ /FO	CF(1)	CP(SI)	CP1/SI
19	33.750	.38800	557.00	108.8	.9451	.5580-01	-1260-01	-3.672	.3400-02
19	36.000	.40600	558.00	186.2	1.618	.9550-01	.1419	-3.518	-.4030-01
19	37.700	.40600	559.00	214.4	1.862	.1099	.1980	-3.462	-.5720-01
19	37.700	.40900	560.00	194.0	1.685	.9950-01	.1574	-3.502	-.4490-01

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IHII INTEGRATED VEHICLE PRESSURE DATA
IHII, MODEL 84-01. E.T..AFT ELECTRICAL FRNG
E.T..AFT ELEC FRNG

PAGE 1B07
(RGII09)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁻⁶	P ₀ PSF A	P _A PSF A	Q PSF	T ₀ DEG R	CPI/SI
19	2.495	4.993	2.164	1950.	115.1	501.5	288.0	

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P1/P	P1/PO	CP(1)	CP(SI)	CPI/SI
19	33.750	.38800	557.00	93.66	.8135	.4800-01	-.4280-01	-3.702	.1160-01
19	36.000	.40600	558.00	182.2	1.582	.9340-01	.1337	-3.526	-.3790-01
19	37.700	.40600	559.00	191.8	1.666	.9830-01	.1529	-3.507	-.4360-01
19	37.700	.40900	560.00	162.7	1.413	.8340-01	.9480-01	-3.565	-.2660-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-01, E.T. AFT ELECTRICAL FRNG

E.T., AFT ELEC FRNG

PAGE 1808
(RG1109)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF _A	P PSF _A	Q PSF	T ₀ DEG R
18	2.989	4.979	1.982	2456.	67.95	425.0	240.5

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁ PSF _A	P ₁ /P	P ₁ /P ₀	C _{P(1)}	C _{P(S1)}	C _{P(1/S1)}
18	33.750	.38800	557.00	48.78	.7179	.1990-01	-.4510-01	-5.663	.8000-02
18	36.000	.40600	558.00	111.8	1.645	.4550-01	.1031	-5.515	-.1870-01
18	37.700	.40600	559.00	112.7	1.659	.4590-01	.1053	-5.513	-.1910-01
18	37.700	.40910	560.00	92.70	1.364	.2780-01	.5820-01	-5.560	-.1050-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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(RG1109)

IH11. MODEL 84-01. E.T., AFT ELECTRICAL FRNG

E.T., AFT ELEC FRNG

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	TO DEG R
18	2.989	.1597-01	X10 6 1.981	2452.	67.85	424.3	240.2

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P/I/P	P/I/FO	CP(I)	CP(SI)	CPI/SI
18	33.750	.38800	557.00	59.80	.8814	.2440-01	-1900-01	-5.637	.3400-02
18	36.000	.40600	558.00	109.8	1.619	.4480-01	.9890-01	-5.519	-.1790-01
18	37.700	.40600	559.00	127.2	1.875	.5190-01	.1398	-5.478	-.2550-01
18	37.700	.40900	560.00	111.9	1.649	.4560-01	.1038	-5.514	-.1880-01

E.T., AFT ELEC FRNG

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P ₀ PSF	P _{PSFA}	Q _{PSF}	T ₀ DEG R
18	2.989	-4.976	1.981	2452.	67.87	424.5	240.4

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CPI/SI
18	33.750	.38800	557.00	68.27	1.006	.2780-01	.1000-02	-.5.617	-.2000-02
18	36.000	.40600	558.00	156.9	2.311	.6400-01	.2097	-.5.409	-.3980-01
18	37.700	.40600	559.00	219.3	3.232	.8940-01	.3568	-.5.261	-.6780-01
-18	37.700	.40900	560.00	182.1	2.684	.7430-01	.2692	-.5.349	-.5030-01

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IHII INTEGRATED VEHICLE PRESSURE DATA

E.T., AFT ELEC FRNG
E.T., AFT ELEC FRNG

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(RGII109)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
13	3.512	-4.970	1.850	3483	44.90	387.6	210.2

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSF A	P(I/P)	P(I/FO)	C(I/I)	C(P(S))	C(P(S))
13	33.750	.38800	557.00	51.42	1.145	.1480-01	.1680-01	.8.853	-.1900-02
13	36.000	.40600	558.00	124.8	2.779	.3580-01	.2060	.8.664	-.2380-01
13	37.700	.40600	559.00	176.5	3.931	.5070-01	.3395	.8.530	-.3980-01
13	37.700	.40900	560.00	147.8	3.292	.4240-01	.2655	.8.604	-.3090-01

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IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-01, E.T.-AFT ELECTRICAL FRNG

E.T.-AFT ELEC FRNG

PAGE 1012
(RG1109)

PARAMETRIC DATA

BETA = 5.000

•••TEST CONDITIONS•••

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
13	3.512	.6002-02	X10.6 1.844	3477.	44.84	387.0	210.5

•••TEST DATA•••

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P0	CP(1)	CP(SI)	CPI/SI
13	33.750	.38800	557.00	42.51	.9482	.1220-01	-.6000-02	-8.874
13	36.000	.40600	558.00	85.59	1.909	.2460-01	.1053	.7000-03
13	37.700	.40600	559.00	96.39	2.150	.2770-01	.1332	-.1200-01
13	37.700	.40910	560.00	82.87	1.848	.2380-01	.9830-01	-.1520-01

13 37.700 .40910 560.00 82.87 1.848 .2380-01 .9830-01 -8.770 -.1120-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-01, E.T., AFT ELECTRICAL FRNG

E.T., AFT ELEC FRNG

PAGE 1813
(RG1109)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P PSF A	Q PSF	TO DEG R
13	3.512	5.006	1.844	3480.	44.87	387.4	210.6

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P1/P	P1/PO	CP(1)	CP(SI)	CPI/SI
13	33.750	.38800	557.00	29.96	.6677	.8600-02	-.3850-01	-8.906	.4300-02
13	36.000	.40600	558.00	86.99	1.939	.2500-01	.1087	-8.759	-.1240-01
13	37.700	.40600	559.00	80.86	1.802	.2320-01	.9290-01	-6.775	-.1060-01
13	37.700	.40900	560.00	64.35	1.434	.1950-01	.5030-01	-3.818	-.5700-02

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-T, E.T., AFT ELECTRICAL FRNG
E.T., AFT ELEC FRNG

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(RGII13)

E.T., AFT ELEC FRNG

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	TO DEG R
48	2.495	-4.943	X10 6 2.159	1950.	115.1	501.3	288.5

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CPI/SI
48	33.750	.38800	557.00	40.36	.3507	.2070-01	-.1491	-3.808	.3910-01
48	36.000	.40600	558.00	83.85	.7284	.4300-01	-.6230-01	-3.722	.1680-01
48	37.700	.40600	559.00	152.0	1.320	.7790-01	-.7350-01	-3.586	-.2050-01
48	37.700	.40900	560.00	56.99	.4951	.2920-01	-.1159	-3.775	.3070-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-T, E.T., AFT ELECTRICAL FRNG

E.T., AFT ELEC FRNG

PAGE 1815
(RGII13)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
48	2.494	.5697-03	2.158	1950.	115.1	501.4	288.6

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P(I/P)	P(I/PO)	CP(I)	CP(SI)	CP(SI)
48	33.750	.38800	557.00	.3741	.2210-01	-.1437	-3.803	.3780-01	
48	36.000	.40600	558.00	.8977	.5300-01	-.2350-01	-3.683	.6400-02	
48	37.700	.40600	559.00	148.0	.1.286	.7590-01	.6560-01	-3.594	-.1830-01
48	37.700	.40910	560.00	113.1	.9829	.5800-01	-.3900-02	-3.563	.1100-02

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-T. E.T., AFT ELECTRICAL FRNG

E.T., AFT ELEC FRNG

PAGE 1816
(RGII13)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P0 PSFA	TO DEG R
48	2.494	5.015	X10 6 2.157	1950.	115.1	501.4 288.7

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CP1/SI
48	33.750	.38800	557.00	55.61	.4830	.2850-01	-.1187	-3.778	.3140-01
48	36.000	.40600	558.00	188.0	1.633	.9640-01	.1453	-3.514	-.4140-01
48	37.700	.40600	559.00	203.8	1.770	.1045	.1768	-3.483	-.5080-01
48	37.700	.40900	560.00	182.2	1.582	.9340-01	.1337	-3.326	-.3790-01

DATE 01 OCT 80

E.T..AFT ELEC FRNG

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-T. E.T..AFT ELECTRICAL FRNG

PAGE 1817
(RG1113)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	0 PSF	10 DEG R
43	2.989	5.026	X10.6 1.989	2463.	68.15	426.2	240.4

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CPI/SI
43	33.750	.38800	557.00	32.83	.4818	.1330-01	.8280-01	-5.702	.1450-01
43	36.000	.40600	558.00	101.2	.4485	.4110-01	.7750-01	-5.541	.1400-01
43	37.700	.40600	559.00	130.0	.1907	.5280-01	.1451	-5.474	.2650-01
43	37.700	.40900	560.00	113.9	1.671	.4620-01	.1073	-5.512	.1950-01

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DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-T. E.T..AFT ELECTRICAL FRNG

E.T..AFT ELEC FRNG

PAGE 1818
(RG1113)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁻⁶	P ₀ PSF A	P PSF A	0 PSF	TO DEG R
43	2.989	.8997-02	1.984	2458.	68.02	425.4	240.4

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁ PSFA	P ₁ /P	P ₁ /FO	CP(I)	CP(SI)	CPI/SI
43	33.750	.38800	557.00	21.98	.3232	.8900-02	.1082	-5.727	.1890-01
43	36.000	.40600	558.00	54.65	.8035	.2220-01	-.3140-01	-.5.650	.5600-02
43	37.700	.40600	559.00	79.82	1.174	.3250-01	.2770-01	-.5.591	-.5000-02
43	37.700	.40900	560.00	57.21	.8411	.2330-01	-.2540-01	-.5.644	.4500-02

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IH11 INTEGRATED VEHICLE PRESSURE DATA

E.T..AFT ELEC FRNG
E.T..AFT ELECTRICAL FRNG

PAGE 1819
IH11. MODEL 84-T, E.T..AFT ELECTRICAL FRNG
(RG1113)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT 'FT	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
43	2.989	-4.938	X10 6 1.986	2460.	68.06	425.7	240.3

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁₁ PSFA	P ₁ /P	P ₁ /FO	CP(1)	CP(SI)	CP(SI)	CP1/SI
43	33.750	.38600	557.00	25.78	.3788	.1050-01	-.9930-01	-5.718		.1740-01
43	36.000	.40600	558.00	43.69	.6419	.1780-01	-.5730-01	-5.676		.1010-C1
43	37.700	.40600	559.00	59.54	.8749	.2420-01	-.2000-01	-5.639		.3500-02
43	37.700	.40900	560.00	29.62	.4352	.1200-01	-.9030-01	-5.709		.1580-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-T, E.T., AFT ELECTRICAL FRNG

E.T., AFT ELEC FRNG

PAGE 1820
(RG1113)

PARAMETRIC DATA

BETA = -5.000

*** TEST CONDITIONS ***

RUN NUMBER	MACH	ALPHA DEG.	RN FT / FT X10 ⁶	P0 PSF A	P PSF A	Q PSF	TO DEG R
42	3.512	-4.935	1.845	3481.	44.89	387.5	210.5

*** TEST DATA ***

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P1/P	P1/PO	CP(1)	CP(S1)	CP1/S1
42	33.750	.38800	557.00	17.69	.3939	.5100-02	-.7020-01	-8.939	.7900-02
42	36.000	.40600	558.00	29.69	.6615	.8500-02	-.3920-01	-8.908	.4400-02
42	37.700	.40600	559.00	30.54	.6804	.8800-02	-.3700-01	-8.905	.4200-02
42	37.700	.40900	560.00	17.08	.3806	.4900-02	-.7170-01	-8.940	.8000-02

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-T. E.T..AFT ELECTRICAL FRNG

E.T..AFT ELEC FRNG

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(RGIII3)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P ₀ PSF A	P PSF	Q PSF	T ₀ DEG R
42	3.512	.6188-02	1.841	3480.	44.87	387.4	210.8

TEST DATA

RUN NUMBER	THET	X/LREF	TAP NO	P(I) PSF A	P/I/P	P/I/FO	CP(I)	CP(SI)	CP(SI)
42	33.750	.38800	557.00	12.02	.2679	.3500-02	-.8480-01	-8.952	.9500-02
42	36.000	.40600	558.00	33.43	.7450	.9600-02	-.2950-01	-8.897	.3.00-02
42	37.700	.40600	559.00	50.40	1.123	.1450-01	.1430-01	-8.853	-.1600-02
42	37.700	.40900	560.00	35.14	.7830	.1010-01	-.2510-01	-8.892	.2800-02

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-T, E.T., AFT ELECTRICAL FRNG

E.T., AFT ELEC FRNG

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(RGII13)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
42	3.512	5.023	1.838	3479.	44.87	387.3	211.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(:)	CP(SI)	CP1/SI
42	33.750	.3880	557.00	18.64	4155	.5400-02	-6770-01	-8.934	.7600-02
42	36.000	.4060	558.00	49.68	1.107	.1430-01	.1240-01	-8.854	-.1400-02
42	37.700	.4060	559.00	82.59	1.840	.2370-01	.9740-01	-8.769	-.1110-01
42	37.700	.4090	560.00	67.67	1.508	.1940-01	.5880-01	-8.808	-.6700-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

E.T., AFT ELEC FRNG

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IH11, MODEL 84-T, E.T., AFT ELECTRICAL FRNG
(RG1114)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P PSF A	Q PSF	TO DEG R
47	2.495	5.043	2.166	1952.	115.2	501.9	288.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P1/P	P1/F0	CP(I)	CP(SI)	CP1/SI
47	33.750	.388	557.00	77.76	.6749	.3980-01	-7460-01	-3.734	.2000-01
47	36.000	.40600	558.00	154.5	1.341	.7910-01	.7820-01	-3.581	-.2180-01
47	37.700	.40600	559.00	147.4	1.279	.7550-01	.6410-01	-3.596	-.1780-01
47	37.700	.40900	560.00	130.4	1.131	.6680-01	.3020-01	-3.630	-.8300-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-T, E.T., AFT ELECTRICAL FRNG

E.T., AFT ELEC FRNG

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(RG1114)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	T0 DEG R
47	2.495	-4.943	X10 6 2.159	1950.	115.1	501.4	288.5

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/P0	CP(I)	CP(SI)	CPI/SI
47	33.750	.38800	557.00	68.05	.5911	.3490-01	-.9390-01	-3.753	.2500-01
47	36.000	.40600	558.00	275.3	2.391	.1412	.3195	-3.340	-.9560-01
47	37.700	.40600	559.00	302.7	2.630	.1563	.3742	-3.285	-.1139
47	37.700	.40900	560.00	272.8	2.370	.1399	.3145	-3.345	-.9400-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-T. E.T. AFT ELECTRICAL FRNG
(RGII14)

E.T. AFT ELEC FRNG

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	TO DEG R
44	2.989	-4.938	X10.6 1.986	2457.	67.97	425.2	240.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CP(SI)
44	33.750	.38800	557.00	43.74	.6435	.1780-01	-.5700-01	-5.676	.1000-01
44	36.000	.40600	558.00	162.5	2.390	.6610-01	.2222-01	-5.396	-.4120-01
44	37.700	.40600	559.00	201.0	2.956	.8180-01	.3128-01	-5.306	-.5900-01
44	37.700	.40900	560.00	170.3	2.505	.6930-01	.2406-01	-5.378	-.4470-01

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DATE 01 OCT 80

[H1] INTEGRATED VEHICLE PRESSURE DATA

[H1]. MODEL 84-T. E.T., AFT ELECTRICAL FRNG

E.T., AFT ELEC FRNG

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(RG1114)

PARAMETRIC DATA

BETA = .0000

•••TEST CONDITIONS•••

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X ¹⁰ 6 /FT	P ₀ PSFA	P _T PSFA	Q PSF	T ₀ DEG R
44	2.989	.3379-02	1.987	2455.	67.91	424.8	240.0

•••TEST DATA•••

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P ₁ /P	P ₁ /FO	CP(1)	CP(SI)	CP1/SI
44	33.750	.38800	557.00	.47.41	.6981	.1930-01	.4830-01	-5.667	.8500-02
44	36.000	.40600	558.00	152.8	2.250	.6230-01	.1999	-5.419	-.3690-01
44	37.700	.40600	559.00	168.8	2.485	.6880-01	.2374	-5.381	-.4410-01
44	37.700	.40900	560.00	145.8	2.147	.5940-01	.1834	-5.435	-.3370-01

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IHII INTEGRATED VEHICLE PRESSURE DATA
IHII, MODEL 34-T. E.T., AFT ELECTRICAL FRNG
E.T., AFT ELEC FRNG

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(RGII14)

E.T., AFT ELEC FRNG

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSF A	P PSF A	Q PSF	TO DEG R
44	2.989	5.026	1.986	2457.	67.98	425.2	240.2

TEST DATA

RUN NUMBER	THE T A	X/LREF	TAP NO	P(1) PSF A	P1/P	P1/F0	CP(1)	CP(SI)	CP(SI)
44	33.750	.38800	557.00	40.92	.6020	.1670-01	-.6360-01	-5.682	.1120-01
44	36.000	.40600	558.00	91.23	1.342	.3710-01	.5470-01	-5.564	-.9800-02
44	37.700	.40500	559.00	87.48	1.287	.3560-01	.4590-01	-5.573	-.8200-02
44	37.700	.40900	560.00	75.63	1.113	.2080-01	.1800-01	-5.601	-.3200-02

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IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-T, E.T., AFT ELECTRICAL FRNG

E.T., AFT ELEC FRNG

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(RGIII14)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P ₀ PSFA	P ₀ PSFA	$\frac{\partial}{\partial}$ PSF	$\frac{\partial}{\partial}$ PSF	TO DEG R
41	3.512	5.040	1.859	3483.	44.88	387.6	209.4	

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P ₁ /P	P ₁ /FO	CP(1)	CP(SI)	CP(SI)
41	33.750	.38800	557.00	26.33	.5867	.7600-02	-.4790-01	-8.920	.5400-02
41	36.000	.40600	558.00	59.90	1.335	.1720-01	.3880-01	-8.834	-.4400-02
41	37.700	.40600	559.00	59.65	1.329	.1710-01	.3810-01	-6.834	-.4300-02
41	37.700	.40900	560.00	49.42	1.101	.1420-01	.1170-01	-8.860	-.1300-02

DATE 01 OCT 80

IHI INTEGRATED VEHICLE PRESSURE DATA

IHI. MODEL 84-T. E.T., AFT ELECTRICAL FRNG

E.T., AFT ELEC FRNG

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(RGIII4)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	F0 PSFA	P PSFA	Q PSF	T0 DEG R
41	3.512	.1462-01	1.852	3480.	44.86	387.3	209.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(U) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP(S1)
41	33.750	.39800	557.00	29.74	.6628	.8500-02	.33900-01	-8.909	.4400-02
41	36.000	.40600	558.00	94.62	2.109	.2720-01	.1285	-8.742	-.1470-01
41	37.700	.40600	559.00	116.4	2.596	.3350-01	.1848	-6.685	-.2130-01
41	37.700	.40900	560.00	98.63	2.199	.2830-01	.1388	-8.731	-.1590-01

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IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-T. E.T., AFT ELECTRICAL FRNG

E.T., AFT ELEC FRNG

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(RGII14)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	PO PSFA	P PSFA	Q PSF	TO DEG R
41	3.512	-4.935	1.848	3460.	44.86	387.3	210.2

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P/I/P	P/I/FO	CP(I)	CP(SI)	CP(SI)
41	33.750	.38800	557.00	31.02	.6916	.8900-02	-.3570-01	-8.905	.4000-02
41	36.000	.40600	558.00	109.0	<.430	.3130-01	.1656	-8.704	-.1900-01
41	37.700	.40600	559.00	145.8	3.251	.4190-01	.2607	-6.609	-.3030-01
41	37.700	.40900	560.00	118.8	2.648	.2410-01	.1909	-8.678	-.2200-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII, MODEL 84-T, E.T., AFT ELECTRICAL FRNG
(RGII115)

E.T., AFT ELEC FRNG

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
46	2.494	-4.949	x10 6 2.157	1946.	114.9	500.4	288.3

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/P0	CP(I)	CP(SI)	CP/SI
46	33.750	.38800	557.00	109.8	.9561	.5640-01	-1010-01	-3.669	.2700-02
45	36.000	.40600	558.00	315.7	2.748	.1623	.4014	-3.258	-.1232
46	37.700	.40600	559.00	343.9	2.994	.1767	.4578	-3.202	-.1430
46	37.700	.40900	560.00	295.0	2.568	.1516	.3600	-3.299	-.1091

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-T. E.T., AFT ELECTRICAL FRNG

E.T., AFT ELEC FRNG

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(RGIIIS)

PARAMETRIC DATA

BETA = 5.000

...TEST CONDITIONS...

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁻⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
46	2.495	.8997-02	2.166	1952.	115.2	501.8	288.0

...TEST DATA...

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSF A	P ₁ /P	P ₁ /P ₀	CPI(I)	CPI(SI)	CPI/SI
46	33.750	.38800	557.00	101.6	.8818	.5200-01	.2710-01	-3.687	.7400-02
46	36.000	.40600	558.00	199.6	1.733	.1023	.1682	-3.492	-.4820-01
46	37.700	.40600	559.00	190.0	1.649	.9730-01	.1490	-3.511	-.4240-01
46	37.700	.40900	560.00	173.6	1.507	.P890-01	.1164	-3.543	-.3280-01

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IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-T. E.T., AFT ELECTRICAL FRNG

E.T., AFT ELEC FRNG

PARAMETRIC DATA

BETA = 5.000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P ₀ PSFA	P ₀ PSFA	TO DEG R
46	2.495	5.040	2.167	1952.	115.2	501.9
						288.0

TEST CONDITIONS

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CP1/SI
46	33.750	.38800	557.00	85.50	.7421	.4380-01	.5920-01	-3.719	.1590-01
46	36.000	.40600	558.00	183.1	.589	.9380-01	.1352	-3.525	.3840-01
46	37.700	.40600	559.00	169.5	.471	.8680-01	.1081	-3.552	.3040-01
46	37.700	.40900	560.00	145.5	1.263	.7450-01	.6040-01	-3.599	.1680-01

TEST DATA

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(RG1115)

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-T, E.T., AFT ELECTRICAL FRNG
(RGII15)

E.T., AFT ELEC FRNG

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-T, E.T., AFT ELECTRICAL FRNG

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
46	2.495	.2585-01	2.166	1953.	115.3	502.2	268.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P11 PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CP1/SI
46	33.750	.38800	557.00	78.07	.6771	.40000-01	-7410-01	-3.734	.1980-01
46	36.000	.40600	558.00	270.7	2.348	.1386	.3095	-3.350	-.9240-01
46	37.700	.40600	559.00	266.6	2.313	.1365	.3014	-3.358	-.8970-01
46	37.700	.40900	560.00	238.8	2.071	.1222	.2459	-3.414	-.7200-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-T. E.T. AFT ELECTRICAL FRNG

E.T. AFT ELEC FRNG

PAGE 1835
(RG1115)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	PO PSFA	P PSFA	Q PSF	T ₀ DEG R
45	2.989	5.023	1.986	2456.	67.94	425.0	240.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CPI/SI
45	33.750	.38800	557.00	.46.82	.6891	.1910-01	-.4970-01	-5.668	.8800-02
45	36.000	.40600	558.00	121.7	1.792	.4960-01	.1266	-.492	-.2300-01
45	37.700	.40600	559.00	107.4	1.581	.4370-01	.9290-01	-.526	-.1680-01
45	37.700	.40900	560.00	89.69	1.320	.7650-01	.5120-01	-5.567	-.9200-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-T. E.T., AFT ELECTRICAL FRNG

E.T., AFT ELEC FRNG

PAGE 1836
(RG1115)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DFG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	TO DEG R
45	2.989	.1742-01	X10 6 1.985	2454.	67.91	424.7	240.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CP1/SI
45	33.750	.38800	557.00	59.23	.8722	.2410-01	-.2040-01	-5.639	.3600-02
45	36.000	.40600	558.00	123.9	1.825	.5050-01	.1319	-5.487	-.2400-01
45	37.700	.40600	559.00	117.9	1.736	.4800-01	.1177	-5.501	-.2140-01
45	37.700	.40900	560.00	105.1	1.548	.4280-01	.8750-01	-5.531	-.1580-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

E.T., AFT ELEC FRNG

IHII MODEL 84-T, E.T., AFT ELECTRICAL FRNG

PAGE 1837
(RGII115)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
45	2.989	-4.952	1.987	2456.	67.94	425.0	240.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P ₁ /P	P ₁ /F0	CPI(I)	CPI(SI)	CPI/SI
45	33.750	.38800	557.00	66.27	.9754	.2700-01	-.3900-02	-5.623	.7000-03
45	36.000	.40600	558.00	197.0	2.900	.8020-01	.3037	-5.315	-.5710-01
45	37.700	.40600	559.00	238.0	3.504	.9690-01	.4003	-5.219	-.7670-01
45	37.700	.40900	560.00	200.3	2.949	.8160-01	.3116	-5.307	-.5870-01

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OF POOR QUALITY

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-T. E.T. AFT ELECTRICAL FRNG

E.T..AFT ELEC FRNG

PAGE 1038
(RG1115)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF	P PSF	Q PSF	T ₀ DEG R
40	3.513	-4.949	1.886	3481.	44.79	387.0	207.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁ PSF	P ₁ /P	P ₁ /F ₀	C _{P(1)}	C _{P(SI)}	C _{P1/SI}
40	33.750	.38800	557.00	49.51	1.105	1.420-01	.1220-01	-8.867	-.1400-02
40	36.000	.40600	558.00	149.1	3.329	.4280-01	.2696	-8.610	-.3130-01
40	37.700	.40600	559.00	186.2	4.156	.5350-01	.3653	-6.514	-.4290-01
40	37.700	.40900	560.00	158.2	3.532	.4550-01	.2931	-8.586	-.3410-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-T. E.T..AFT ELECTRICAL FRNG

E.T..AFT ELEC FRNG

PAGE 1839
(RGII115)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
40	3.512	.6188-02	X10 .6 1.864	3481.	44.85	387.3	208.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CPI/SI
40	33.750	.38800	557.00	39.43	.8792	.1130-01	-.1400-01	-8.888	.1600-02
40	36.000	.40600	558.00	92.13	2.054	.2650-01	.1221	-8.752	-.1390-01
40	37.700	.40600	559.00	87.61	1.954	.2520-01	.1104	-8.763	-.1260-01
40	37.700	.409n0	560.00	75.78	1.690	.2180-01	.7990-01	-8.794	-.9100-02

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-1, E.T., AFT ELECTRICAL FRNG
(RG1115)

E.T., AFT ELEC FRNG

IHII, MODEL 84-1, E.T., AFT ELECTRICAL FRNG

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	PN/FT X10 ⁻⁶	PO PSFA	P PSFA	Q PSF	TO DEG R
40	3.512	5.040	1.859	3483.	44.88	387.5	209.4

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CPI/SI
40	33.750	.38800	557.00	26.86	.5986	.7700-02	-.4650-01	-8.919	.5200-02
40	36.000	.40600	558.00	85.15	1.897	.2440-01	.1039	-8.768	-.1190-01
40	37.700	.40600	559.00	70.06	1.561	.2010-01	.6500-01	-6.807	-.7400-02
40	37.700	.40900	560.00	56.94	1.269	.1630-01	.3110-01	-8.841	-.3500-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

E.1..LO2 PRES BRKT

IH11. MODEL 84-OTS. E.1..LO2 PRESSURE BRACKET

PAGE 184
(RG1J01)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P0 PSFA	TO DEG R
3	2.495	-5.000	X10.6 2.160	1945.	114.8	500.1 287.8

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P/I/P	P/I/FO	CP(I)	CP(SI)	CP(SI)
3	36.000	.44700	571.00	412.7	3.594	.2122	.5956	-3.064	-.1944
3	36.000	.68500	577.00	183.3	1.596	.9420-01	.1369	-3.523	-.3890-01
3	36.000	.89500	583.00	171.1	1.490	.8800-01	.1125	-3.547	-.3170-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, E.T., L02 PRESSURE BRACKET

E.T., L02 PRES BRKT

PAGE 1642
(RG1J01)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
3	2.495	.4009-02	2.160	1946.	114.9	500.3	288.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P PSFA	P1/F0	CP(1)	CP(S1)	CP1/S1
3	36.000	.44700	571.00	352.5	3.069	.812	.4750	-3.185	-.1492
3	36.000	.68500	577.00	153.4	1.336	.7890-01	.7710-01	-3.582	-.2150-01
3	36.000	.89500	583.00	172.3	1.500	.8860-01	.1149	-3.545	-.3240-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

E.T..LO2 PRES BRKT

IHII MODEL 84-OTS, E.T.,LO2 PRESSURE BRACKET

PAGE 1643
(RG1.J01)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	TO DEG R
3	2.495	5.016	X10 6 2.161	1946.	114.9	500.3	287.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P/I/P	P/I/FO	CP(I)	CP(SI)	CPI/SI
3	36.000	.44700	571.00	365.9	3.185	.1880	.5018	-3.158	-1.589
3	36.000	.68500	577.00	120.3	1.047	.6180-01	.1090-01	-3.649	-.3000-02
3	36.000	.89500	583.00	195.4	1.701	.1004	.1610	-3.498	-.4600-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, E.T., LO2 PRESSURE BRACKET

E.T., LO2 PRES BRKT

PAGE 1844
(RG1J01)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P ₀ PSF	TO DEG R
9	2.989	5.010	1.966	2449.	67.80	424.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P1/P	P1/F0	CP(1)	CP(SI)	CP(SI)
9	36.000	.44700	571.00	215.1	3.173	.8780-01	.3475	-5.269	-.6600-01
9	36.000	.68500	577.00	59.21	.8733	.2420-01	-.2030-01	-5.637	.3600-02
9	36.000	.89500	583.00	105.3	1.553	.4300-01	-.8840-01	-5.528	-.1600-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-OTS, E.T.,LO2 PRESSURE BRACKET

E.T.,LO2 PRES BRKT

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
9	2.989	-4.988	.987	2451.	67.80	424.1	239.6

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P1/P PSFA	P1/FO	CP(1)	CP(S1)	CPI/S1
9	36.000	.44700	571.00	157.1	2.317	.6410-01	.2105	-5.408
9	36.000	.68500	577.00	104.9	1.547	.4280-01	.8740-01	-5.531
9	36.000	.89500	583.00	97.30	1.435	.3970-01	.6960-01	-5.549

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DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-OTS, E.T.,LO2 PRESSURE BRACKET

E.T.,LO2 PRES BRKT

PAGE 1846
(RG1J01)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	PO PSFA	P PSFA	Q PSF	TO DEG R
9	2.989	.1397-01	1.986	2449.	67.75	423.8	239.6

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P11 PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CP(SI)
9	36.000	.44700	571.00	206.7	3.050	.8440-01	.3278	-5.291	.6200-01
9	36.000	.68500	577.00	76.48	1.129	.3120-01	.2060-01	-5.598	.3700-02
9	36.000	.89500	583.00	93.59	1.381	.3820-01	.6100-01	-5.558	.1100-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-OTS, E.T., L02 PRESSURE BRACKET

E.T., L02 PRES BRKT

PAGE 1847
(RG1J01)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
9	2.989	4.983	X10.6 1.986	2451.	67.82	424.2	239.8

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(S1)	CP(S1)
9	36.000	.44700	571.00	221.1	3.260	.9020-01	.3613	-5.257	-.6870-01
9	36.000	.68500	577.00	59.91	.8834	.2440-01	-.1860-01	-5.637	.3300-02
9	36.000	.89500	583.00	109.9	1.620	.4480-01	.9910-01	-5.520	-.1800-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL B4-OTS. E.T..LO2 PRESSURE BRACKET

E.T..LO2 PRES BRKT

PAGE 1848
(RG1J01)

E.T..LO2 PRES BRKT

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁻⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
6	3.510	-4.970	1.808	3477.	44.92	387.5	213.7

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP1/S1
6	36.000	.44700	571.00	104.3	2.321	.3000-01	.1532-01	-8.705	-.1760-01
6	36.000	.68500	577.00	65.95	1.468	.1900-01	.5430-01	-8.804	-.6200-02
6	36.000	.89500	583.00	69.16	1.540	.1990-01	.6260-01	-6.795	-.7100-02

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-OTS, E.T. LO2 PRESSURE BRACKET

E.T. LO2 PRES BRKT

PAGE 1849
(RG1J01)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
6	3.510	- .5379-01	1.804	3476.	44.91	387.4	213.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P ₁ /P	P ₁ /P ₀	CP(1)	CP(SI)	CP(SI)
6	36.000	.44700	571.00	96.45	2.148	.2770-01	.1330	-8.724	-.1530-01
6	36.000	.68500	577.00	40.68	.9057	.1170-01	-.1090-01	-8.868	.1200-02
6	36.000	.89500	583.00	59.22	1.318	.1700-01	.3690-01	-8.820	-.4200-02

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-OTS, E.T.,LO2 PRESSURE BRACKET

E.T.,LO2 PRES BRKT

PAGE 1850
(RG1J01)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	PO PSFA	P PSFA	Q PSF	TO DEG R
6	3.510	5.024	1.804	3474.	44.89	387.2	213.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/F0	CP(1)	CP(S1)	CP(S1)
6	36.000	.44700	571.00	166.9	3.717	.4800-01	-8.542	-.3690-01
6	36.000	.68500	577.00	28.37	.6320	.8200-02	-.4270-01	.4800-02
6	36.000	.89500	583.00	71.45	1.592	.2060-01	.6860-01	-.7800-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-OTS, E.T., LO2 PRESSURE BRACKET

E.T., LO2 PRES BRKT

PAGE 185
(RG1J02)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
2	2.495	5.028	2.160	1945.	114.8	500.2	287.8

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P/I/P	P/I/FO	CP(I)	CP(SI)	CP(SI)	CP(SI)
2	36.000	.44700	571.00	182.5	1.589	.9380-01	.1352	-3.524	.3840-01	
2	36.000	.68500	577.00	149.0	1.297	.7660-01	.6830-01	-3.591	.1900-01	
2	36.000	.89500	583.00	247.6	2.156	.1273	.2655	-3.394	.7820-01	

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-OTS. E.T..LO2 PRESSURE BRACKET

E.T..LO2 PRES BRKT

PAGE 1652
(RG1.J02)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	P0 PSFA	P PSFA	Q PSF	T0 DEG R
2	2.495	-.2788-01	2.160	1946.	114.9	500.3	288.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP1/S1
2	36.000	.44700	571.00	407.0	3.543	.2092	.5339	-3.076	-.1899
2	36.000	.68500	577.00	163.8	1.426	.8420-01	.9780-01	-3.562	-.2740-01
2	36.000	.89500	583.00	198.9	1.731	.1022	.1679	-3.492	-.4810-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-OTS. E.T., L02 PRESSURE BRACKET

E.T., L02 PRES BRKT

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
2	2.495	-4.996	2.162	1946.	114.9	500.4	287.8

TEST DATA

RUN NUMBER	THE TAU	X/LREF	TAP NO	P(1) PSF A	P1/P	P1/P0	CP(1)	CP(S1)	CP(S1)
2	36.000	.44700	571.00	424.1	3.691	.2179	.6179	-3.042	.2031
2	36.000	.68500	577.00	231.5	2.015	.1189	.2330	-3.427	.6800-01
2	36.000	.89500	583.00	199.9	1.740	.1027	.1700	-3.490	.4870-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-OTS. E.T. LO2 PRESSURE BRACKET

E.T. LO2 PRES BRKT

PAGE 1854
(RG1J02)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
8	2.989	5.010	1.990	2453.	67.87	424.6	239.6

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P0	CP(1)	CP(SI)	CP1/SI
8	36.000	.44700	571.00	120.8	1.779	.4920-01	.1246-01	-5.494
8	36.000	.68500	577.00	80.90	1.192	.3300-01	.3070-01	-.2270-01
8	36.000	.89500	583.00	127.0	1.870	.5170-01	.1392-01	-.5500-02

8 239.6

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

E.T. .LO2 PRES BRKT
IHI1. MODEL 84-OTS, E.T. .LO2 PRESSURE BRACKET

PAGE 1855
(RG1J02)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
8	2.989	.1397-01	1.988	2451.	67.81	424.2	239.6

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(S1)	CP1/S1
8	36.000	.44700	571.00	300.8	.4.36	.1227	.5492	-.070	-.1083
8	36.000	.68500	577.00	115.2	1.699	.4700-01	.1117	-.507	-.2030-01
8	36.000	.89500	583.00	125.8	1.855	.5130-01	.1367	-.482	-.2490-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-OTS. E.T..LO2 PRESSURE BRACKET

E.T..LO2 PRES BRKT

PAGE 1856
(RG1J02)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P0 PSFA	P PSFA	Q PSF	P TO DEG R
8	2.989	-5.000	1.985	2448.	67.75	423.7	239.7

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP1/S1
8	36.000	.44700	571.00	259.2	3.827	.1059	.4519	-5.167	-.8750-01
8	36.000	.68500	577.00	103.8	1.533	.4240-01	.8520-01	-5.533	-.1540-01
8	36.000	.89500	583.00	131.4	1.940	.5370-01	.1503	-5.468	-.2750-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-OTS. E.T..L02 PRESSURE BRACKET
E.T..L02 PRES BRKT

PAGE 1857
(RG1J02)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
5	3.511	5.008	1.812	3479.	44.93	387.6	213.4

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁ (1) PSF A	P ₁ /P	P ₁ /F ₀	CP(1)	CP(SI)	CP(SI)
5	36.000	.44700	571.00	85.54	1.904	.2460-01	.1048	-8.754	-.1200-01
5	36.000	.68500	577.00	80.63	1.795	.2320-01	.9210-01	-8.767	-.1050-01
5	36.000	.89500	583.00	73.40	1.634	.2110-01	.7350-01	-9.786	-.8400-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-01TS, E.T.,LO2 PRESSURE BRACKET

E.T.,LO2 PRES BRKT

PAGE 1058
(RG1J02)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P ₀ PSFA	^{TO} DEG R
5	3.510	.1597-01	1.807	3478.	44.93	387.6

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁ PSFA	P ₁ /P	P ₁ /FO	CP(1)	CP(S1)	CP1/S1
5	36.000	.44700	571.00	230.3	5.125	.6620-01	.4782	-8.379	-.5710-01
5	36.000	.68500	577.00	89.36	1.989	.2570-01	.1146	-8.743	-.1310-01
5	36.000	.89500	583.00	69.90	1.556	.2010-01	.6440-01	-6.793	-.7300-02

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DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-OTS. E.T.,LO2 PRESSURE BRACKET

E.T.,LO2 PRES BRKT

PAGE 1859
(RG1J02)

PARAMETRIC DATA

BETA = .0000

*** TEST CONDITIONS***

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P ₀ PSF A	P ₀ PSF A	TO DEG R
5	3.510	-4.962	1.807	34.78.	44.94	387.6
						213.8

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P ₁ /P	P ₁ /P ₀	CP(1)	CP(SI)	CPI/SI
5	36.000	.44700	571.00	190.6	4.242	.5480-01	.3758	-8.482	-.4430-01
5	36.000	.68500	577.00	92.68	2.062	.2660-01	.1232	-8.735	-.1410-01
5	36.000	.89500	583.00	93.89	2.089	.2700-01	.1263	-8.732	-.1450-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII, MODEL 84-OTS, E.T.,LO2 PRESSURE BRACKET
(RG1J03)

E.T.,LO2 PRES BRKT

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-OTS, E.T.,LO2 PRESSURE BRACKET

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT $\times 10^{-6}$	P0 PSF A	P PSF A	Q PSF	TO DEG R
1	2.495	-4.988	2.191	1946.	114.8	500.2	285.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P1/P	P1/F0	CP(1)	CP(S1)	CP(S1)
1	36.000	.44700	571.00	473.8	4.127	.2435	.7177	-2.943	-2439
1	36.000	.68500	577.00	278.6	2.427	.1432	.3275	-3.333	-9820-01
1	36.000	.89500	583.00	250.9	2.185	.1289	.2720	-3.389	-8030-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-OTS, E.T.,L02 PRESSURE BRACKET

E.T.,L02 PRES BRKT

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-OTS, E.T.,L02 PRESSURE BRACKET

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT $\times 10^{-6}$	P ₀ PSF A	P ₀ PSF A	Q PSF	T ₀ DEG R
1	2.494	-1193.01	2.155	1945.	114.8	500.2	288.4

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁ PSF A	P ₁ /P	P ₁ /F0	CP(1)	CP(S1)	CP(S1)	CPI/SI
1	36.000	.44700	571.00	260.1	2.265	.1337	.2904	-3.369	-.8620-01	
1	36.000	.68500	577.00	193.8	1.687	.9960-01	.1578	-3.502	-.4510-01	
1	36.000	.89500	583.00	237.5	2.068	.1221	.2452	-3.414	-.7180-01	

PAGE 1861
(RG1J03)

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PAGE 1862
(RG1J03)

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-OTS, E.T..LO2 PRESSURE BRACKET

E.T..LO2 PRES BRKT

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P ⁰ PSF A	P ⁰ PSF A	Q ⁰ PSF	DEG R
1	2.495	5.028	2.160	1946.	114.9	500.4	287.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P1/P	P1/F0	CP(1)	CP(SI)	CPI/SI
1	36.000	.44700	571.00	132.2	1.151	.6800-01	.3470-01	-3.625	-.9600-02
1	36.000	.68500	577.00	164.9	1.436	.8480-01	.1001	-3.560	-.2810-01
1	36.000	.89500	583.00	238.5	2.076	.1225	.2470	-3.413	-.7240-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, E.T.-LO2 PRESSURE BRACKET

E.T.-LO2 PRES BRKT

PAGE 1863
(RG1J03)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P ₀ PSF A	P ₀ PSF A	Q TO DEG R
7	2.990	-4.961	X10 6 2.024	2451.	67.74	423.9 236.4

TEST DATA

RUN NUMBER	THETA X/LREF	TAP NO	P ₁ PSF A	P ₁ /P	P ₁ /P ₀	CP(1)	CP(SI)	CP(SI)
7	36.000	.44700	571.00	384.7	5.679	.1569	.7476	-.4.875
7	36.000	.68500	577.00	112.2	1.657	.4580-01	.1050	-.5.517
7	36.000	.89500	583.00	162.1	2.394	.6610-01	.2227	-.5.400

CP(SI)

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-0TS, E.T..LO2 PRESSURE BRACKET

E.T..LO2 PRES BRKT

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(RG1J03)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P ₀ PSF A	P PSF A	α DEG R	θ_0 DEG R
7	2.990	-3186-01	2.017	2453.	67.80	424.2	237.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CP1/SI
7	36.000	.44700	571.00	366.2	5.401	1493	.7034	-4.918	-.1430
7	36.000	.68500	577.00	96.89	1.429	.3950-01	.6860-01	-5.553	-.1230-01
7	36.000	.89500	583.00	151.0	2.227	.6160-01	.1961	-5.426	-.3610-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-OTS. E.T..LO2 PRESSURE BRACKET

E.T..LO2 PRES BRKT

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(RG1J03)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	P0 PSFA	P PSFA	Q PSF	T0 DEG R
7	2.989	4.993	1.997	2452.	67.81	424.2	238.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P/I/P	P/I/PO	CP(I)	CP(SI)	CP(SI)	CPI/SI
7	36.000	.44700	571.00	84.68	1.249	.3450-01	.3980-01	-5.580	-7100-02	
7	36.000	.68500	577.00	116.7	1.721	.4760-01	.1152	-5.504	-.2090-01	
7	36.000	.89500	583.00	152.2	2.245	.6210-01	.1990	-5.421	-.3670-01	

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DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-0TS, E.T..LO2 PRESSURE BRACKET

E.T..LO2 PRES BRKT

PARAMETRIC DATA

BETA = 5.000

•••TEST CONDITIONS•••

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
7	2.989	4.984	1.997	2452.	67.83	424.3	238.9

•••TEST DATA•••

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P/I/P	P/I/F0	CP(I)	CP(SI)	CP(SI)
7	36.000	.44700	571.00	85.14	1.255	.3470-01	.4080-01	-5.579	-.7300-02
7	36.000	.68500	577.00	119.0	1.754	.4850-01	.1205	-5.499	-.2190-01
7	36.000	.89500	583.00	152.1	2.243	.6200-01	.1987	-5.421	-.3670-01

DATE: 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-OTS, E.T., LO2 PRESSURE BRACKET
E.T., LO2 PRES BRKT

PAGE 1867
(RG1-J03)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
4	3.511	-4.970	1.813	3478.	44.91	387.5	213.2

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP(S1)
4	36.000	.44700	571.00	296.7	6.605	.8530-01	.6497	-8.210	-.7910-01
4	36.000	.68500	577.00	87.81	1.955	.2520-01	.1107	-8.749	-.1270-01
4	36.000	.89500	583.00	117.4	2.615	.3380-01	.1872	-8.672	-.2160-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-OTS, E.T., LO2 PRESSURE BRACKET

E.T., LO2 PRES BRKT

PAGE 1868
(RG1J03)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
4	3.511	-1970-02	1.808	3479.	44.94	387.7	213.7

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P1/P	P1/F0	CP(1)	CP(SI)	CP1/SI
4	36.000	.44700	571.00	233.1	5.186	.6700-01	.4853	-8.373	-5800-01
4	36.000	.68500	577.00	83.36	1.855	.2400-01	.9910-01	-8.759	-1130-01
4	36.000	.89500	583.00	105.1	2.338	.3020-01	.1551	-8.703	-1780-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-0TS, E.T.-LO2 PRESSURE BRACKET
(RG1J03)

E.T.-LO2 PRES BRKT

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	TO DEG R
4	3.510	5.002	X10 6 1.807	3478.	44.93	387.6	213.7

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CPI/SI
4	36.000	.44700	571.00	70.48	1.568	.2030-01	.6590-01	-8.792	-.7500-02
4	36.000	.68500	577.00	98.19	2.185	.2820-01	.1374	-8.720	-.1580-01
4	36.000	.89500	583.00	112.4	2.502	.3230-01	.1741	-8.684	-.2000-01

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DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-0TS. E.T..LO2 PRESSURE BRACKET

E.T..LO2 PRES BRKT

PAGE 1870
(RG1J04)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSF A	P PSF A	Q PSF	T0 DEG R
10	2.495	4.998	2.162	1949.	115.0	501.1	288.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P1/P	P1/FO	CP(1)	CP(S1)	CPI/S1
10	36.000	.44700	571.00	363.3	3.158	.1864	.4956	-3.164	-.1566
10	36.000	.68500	577.00	119.0	1.035	.6110-01	.7900-02	-3.652	-.2200-02
10	36.000	.89500	583.00	195.1	1.697	.1001	.1599-	-3.500	-.4570-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, E.T., L02 PRESSURE BRACKET

E.T., L02 PRES BRKT

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT x10 ⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
10	2.495	.1995-01	2.168	1950.	115.1	501.2	287.6

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P1/P	P1/F0	CP(1)	CP(SI)	CP/SI
10	36.000	.44700	571.00	350.8	3.019	.1799	.4703	-3.190	-.1474
10	36.000	.68500	577.00	151.9	1.320	.7790-01	.7350-01	-3.586	-.2050-01
10	36.000	.89500	583.00	180.4	1.568	.9250-01	.1303-01	-3.530	-.3690-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-01S, E.T.-L02 PRESSURE BRACKET

E.T.-L02 PRES BRKT

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(RG1J04)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P ₀ PSF	P PSF	CPI TO DEG R
10	2.495	-4.990	X10.6 2.166	1948.	115.0	501.0 287.7

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF	P1/P0	CPI(1)	CPI(S1)	CPI/S1
10	36.000	.44700	571.00	402.6	3.500	.2066	.5740	-3.086
10	36.000	.68500	577.00	181.0	1.574	.9290-01	.1317	-3.528
10	36.000	.89500	583.00	201.3	1.751	.1033	.1723	-3.487

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, E.T.-LO2 PRESSURE BRACKET

E.T.-LO2 PRES BRKT

PARAMETRIC DATA

BETA = .0000

*** TEST CONDITIONS ***						
RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶ /FT	P ₀ PSFA	P ₀ PSFA	Q PSF
11	2.495	-5.014	2.163	1948.	115.0	501.0

*** TEST DATA ***						
RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁ PSFA	P ₁ /P ₀	P ₁ /FO
11	36.000	.44700	571.00	426.6	3.709	.2190
11	36.000	.68500	577.00	230.7	2.005	.1184
11	36.000	.89500	583.00	190.5	1.656	.9780-01

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁ PSFA	P ₁ /P ₀	P ₁ /FO	CP(1)	CP(S1)	CPI/SI
11	36.000	.44700	571.00	426.6	3.709	.2190	.6220	-3.038	-.2048
11	36.000	.68500	577.00	230.7	2.005	.1184	.2309	-3.429	-.6730-01
11	36.000	.89500	583.00	190.5	1.656	.9780-01	.1507	-3.509	-.4290-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-OTS. E.T..LO2 PRESSURE BRACKET

E.T..LO2 PRES BRKT

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(RG1J05)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P ₀ PSF A	P _A PSF	Q TO DEG R
11	2.495	.1198-01	2.166	1948.	115.0	500.8

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P1/P	P1/PO	CP(1)	CP(SI)	CP1/SI
11	36.000	.44700	571.00	.410.7	3.572	.2108	.5905	-3.069	-.1924
11	36.000	.68500	577.00	164.7	1.433	.8460-01	.9940-01	-3.560	-.2790-01
11	36.000	.89500	583.00	207.5	1.804	.1065	.1847	-3.475	-.5310-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, E.T., LO2 PRESSURE BRACKET

E.T., LO2 PRES BRKT

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(RG1J05)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
11	2.495	4.990	2.165	1949.	115.0	501.0	287.8

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CP1/SI
11	36.000	.44700	571.00	181.3	1.576	.9300-01	.1323	-3.527	-.3750-01
11	36.000	.68500	577.00	148.2	1.288	.7610-01	.6620-01	-3.593	-.1840-01
11	36.000	.89500	583.00	257.1	2.235	.1319	.2836	-3.376	-.8400-01

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DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-015, E.I.LO2 PRESSURE BRACKET

E.I.LO2 PRES BRKT

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(RG1306)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P0 PSF A	P PSF A	Q PSF	TO DEG R
12	2.495	5.022	2.166	1948.	115.0	501.0	287.7

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P1/P	PI/FO	CP(1)	CP(5)	CP(9)
12	36.000	.44700	571.00	131.2	1.141	.6730-01	.3230-01	-3.627	-.8900-02
12	36.000	.68500	577.00	163.7	1.423	.8400-01	.9710-01	-3.563	-.2730-01
12	36.000	.89500	583.00	242.5	2.109	.1245	.2546	-3.405	-.7480-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

E.T., L02 PRES BRKT

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IH11, MODEL 84-015, E.T., L02 PRESSURE BRACKET
(RG1J06)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
12	2.495	.3590-01	2.163	1947.	114.9	500.7	287.8

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P ₁ /P	P ₁ /FO	CP(1)	CP(S1)	CP(S1)
12	36.000	.44700	571.00	265.5	2.310	.1364	.3008	-3.359	-.8950-01
12	36.000	.68500	577.00	190.1	1.654	.9760-01	.1501	-3.509	-.4280-01
12	36.000	.89500	583.00	241.7	2.102	.1241	.2531	-3.407	-.7430-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-OTS. E.T. LO2 PRESSURE BRACKET

E.T. LO2 PRES BRKT

PAGE 1878
1RG1J061

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P ₀ PSF A	Q PSF	T ₀ DEG R
12	2.495	-4.990	2.164	1947.	114.9	500.7	287.7

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁ PSF A	P ₁ /P ₀	P ₁ /P ₀	CP(1)	CP(SI)	CP(SI)
12	36.000	.44700	571.00	474.8	4.131	.2438	.7187	-2.941	-2444
12	36.000	.68500	577.00	274.3	2.386	.1408	.3182	-3.342	-9620-01
12	36.000	.89500	583.00	249.4	2.170	.1281	.2685	-3.391	-7920-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-01, E.T..LO2 PRESSURE BRACKET

E.T..LO2 PRES BRKT

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT x10 ⁶	P ₀ PSFA	P PSFA	Q PSF	T ₀ DEG R
21	2.495	-4.975	2.159	1948.	115.0	500.9	288.3

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁ PSFA	P ₁ /P	CP(1)	CP(S1)	CP1/S1
21	36.000	.44700	571.00	202.9	1.764	.1042	.1755	-.3.484
21	36.000	.68500	577.00	77.18	.6711	.3960-01	-.7550-01	-.3.735
21	36.000	.89500	583.00	98.23	.8541	.5040-01	-.3350-01	-.3.693

ORIGINAL
ONE COPY

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11 MODEL 84-0T. E.T.LO2 PRESSURE BRACKET

E.T.,LO2 PRES BRKT

PAGE 1880
(RG1J07)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	PO PSFA	P PSFA	Q PSF	TO DEG R
21	2.495	.9988-02	2.160	1948.	115.0	500.9	288.2

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CP1/S1
21	36.000	.44700	571.00	138.7	1.206	.7120-01	.4730-01	-.5.612	-.1310-01
21	36.000	.68500	577.00	92.73	.8064	.4760-01	-.4440-01	-3.704	1200-01
21	36.000	.89500	583.00	146.8	1.277	.7540-01	.6350-01	-3.596	-.1770-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-07. E.T. LO2 PRESSURE BRACKET

E.T. LO2 PRES BRKT

PAGE 1681
(RG1J07)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	T0 DEG R
21	2.495	4.971	x10 ⁻⁶ 2.162	1949.	115.0	501.1	298.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CPI/SI
21	36.000	.44700	571.00	130.8	1.137	.6710-01	.3140-01	-3.628	-.8700-02
21	36.000	.68500	577.00	222.7	1.936	.1143	.2149	-3.445	-.6240-01
21	36.000	.89500	583.00	186.5	1.621	.9570-01	.1427	-3.517	-.4060-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-0T, E.T., L02 PRESSURE BRACKET

E.T., L02 PRES BRKT

PAGE 1882
(RG1J07)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P ₀ PSF	Q ₀ PSF	TO DEG R
16	2.989	5.018	1.975	2455.	67.94	424.9	241.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP(S1)
16	36.000	.44700	571.00	68.69	1.011	.2800-01	.1800-02	-5.616	-.3000-03
16	36.000	.68900	577.00	101.4	1.492	.4130-01	.7870-01	-5.539	-.420-01
16	36.000	.89500	583.00	114.3	1.683	.4660-01	.1092	-5.508	-.1980-01

DATE 01 OCT 80

IHI1 INTEGRATED VEHICLE PRESSURE DATA

IHI1. MODEL 84-0T, E.T.,LO2 PRESSURE BRACKET

E.T.,LO2 PRES BRKT

PAGE 1883
(RG1J07)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P ₀ PSFA	P PSFA	Q PSF	T ₀ DEG R
16	2.989	.1597-01	1.971	2451.	67.85	424.3	241.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P ₁ /P	P ₁ /P ₀	C _P (I)	C _P (SI)	C _P (SI)
16	36.000	.44700	571.00	91.60	1.350	.3740-01	.5600-01	-5.561	-.1010-01
16	36.000	.68500	577.00	42.12	.6207	.1720-01	.6060-01	-5.678	.1070-01
16	36.000	.89500	583.00	78.00	1.150	.3180-01	.2390-01	-5.593	-.4300-02

DATE 0: OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

E.T.,L02 PRES BRKT

IH11. MODEL 84-01. E.T.,L02 PRESSURE BRACKET

PAGE 1884
(RG1J07)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 6	P0 PSFA	P PSFA	Q PSF	T0 DEG R
16	2.989	-5.000	1.979	2455.	67.94	424.9	240.6

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP(S1)
16	36.000	.44700	571.00	90.54	1.333	.3630-01	.5320-01	-5.565	-.9600-02
16	36.000	.68500	577.00	34.96	.5145	.1420-01	-.7760-01	-5.696	.1360-01
16	36.000	.89500	583.00	52.98	.7797	.2160-01	-.3520-01	-5.653	.6200-02

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-0T. E.T..LO2 PRESSURE BRACKET

E.T..LO2 PRES BRKT

PAGE 1885
(RG1J07)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P ₀ PSFA	P PSFA	Q PSF	TO DEG R
15	3 511	-5.022	1.828	3478.	44.88	387.3	211.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP(S2)
15	36.000	.44700	571.00	75.92	1.692	.2180-01	.8020-01	-8.783	-.9100-02
15	36.000	.68500	577.00	27.32	.6087	.7900-02	-.4530-01	-8.909	.5100-02
15	36.000	.89500	583.00	33.75	.7519	.9700-02	-.2870-01	-8.692	.3200-02

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-01, E.T.-L02 PRESSURE BRACKET

E.T.-L02 PRES BRKT

PAGE 1886
(RG1J07)

E.T.-L02 PRESS BRKT

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P ₀ PSF A	Q PSF	TO DEGR
15	3.511	.2394-01	1.827	3481.	44.92	387.7	212.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁ PSF A	P ₁ /P	P ₁ /P ₀	CP(1)	CP(SI)	CP(SI)	CP1/SI
15	36.000	.44700	571.00	58.15	1.294	.1670-01	.3410-01	-8.829	-.3900-02	
15	36.000	.68500	577.00	30.66	.6826	.8800-02	.3680-01	-8.900	.4100-02	
15	36.000	.89500	583.00	34.76	.7738	.1000-01	.2620-01	-6.890	.2900-02	

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII, MODEL 84-0T. E.T.,LO2 PRESSURE BRACKET

E.T.,LO2 PRES BRKT

PAGE 1887
(RG1J07)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	PO PSFA	P PSFA	Q PSF	TO DEG R
15	3.511	4.983	1.827	3478.	44.88	387.3	212.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CPI/S1
15	36.000	.44700	571.00	.43.00	.9581	.1240-01	-.4900-02	-8.868	.5000-03
15	36.000	.689300	577.00	.48.71	1.065	.1400-01	.9900-02	-8.854	-.1100-02
15	36.000	.89500	583.00	.78.96	1.759	.2270-01	.8800-01	-8.775	-.1000-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-07. E.T..L02 PRESSURE BRACKET

E.T..L02 PRES BRKT

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS						
RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P ₀ PSFA	P PSFA	Q PSF
20	2.495	4.967	2.165	1950.	115.1	501.4

TEST DATA						
RUN NUMBER	THETA	X/LREF	TAP NO	P ₍₁₎ PSFA	P ₁ /P ₀	CP(1)
20	36.000	.44700	571.00	161.3	1.402	.8270-01
20	36.000	.68500	577.00	178.8	1.554	.9170-01
20	36.000	.89500	583.00	212.0	1.812	.1087

TO
DEG R

287.9

PAGE 1888
(RG1J08)

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-0T, E.T.,LO2 PRESSURE BRACKET

E.T.,LO2 PRES BRKT

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
20	2.495	.7995-02	2.161	1949.	115.0	501.0	288.2

TEST DATA

RUN NUMBER	TH/TA	X/LREF	TAP NO	P(L) PSFA	P1/P	P1/FO	CP(L)	CP(S1)	CP(S1)
20	36.000	.44700	571.00	161.4	1.403	.8280-01	.9250-01	-3.567	.2590-01
20	36.000	.68500	577.00	188.3	1.677	.9660-01	.1463	-3.513	.4160-01
20	36.000	.89500	583.00	172.8	1.502	.8870-01	.1153	-3.544	.3250-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

E.T. LO2 PRES BRKT

IHII. MODEL 84-0T, E.T. LO2 PRESSURE BRACKET

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	TO DEG R
20	2.495	-4.953	2.163	1949.	115.1	501.2	288.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CP1/SI
20	36.000	.44700	571.00	169.5	1.473	.8690-01	.1085	-3.551	-.3060-01
20	36.000	.68500	577.00	130.1	1.131	.6670-01	.300,-01	-3.630	-.8300-02
20	36.000	.89500	583.00	122.9	1.068	.6300-01	.1560-01	-3.644	-.4300-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-0T. E.T.,LO2 PRESSURE BRACKET

E.T.,LO2 PRES. BRKT

PAGE 1891
(RGJ/JOB)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁻⁶	P ₀ PSFA	P ₀ PSFA	TO DEG R
17	2.989	-5.010	1.982	2455.	67.94	425.0
						240.5

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(S1)	CP(S1)
17	36.000	.44700	571.00	116.2	1.710	.4730-01	.1135	-5.505	-2060-01
17	36.000	.68500	577.00	80.22	1.181	.3270-01	.2890-01	-5.589	-.5200-02
17	36.000	.89500	583.00	61.56	.9060	.2510-01	.1500-01	-5.633	.2700-02

DATE JI OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-01. E.T..LO2 PRESSURE BRACKET

E.T..LO2 PRES BRKT

PAGE 1892
(RG1JOB)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN	MACH	ALPHA DEG.	RN/FT /FT $\times 10^6$	PO PSFA	P PSFA	Q PSF	TO DEGR
17	2.989	-.3186-01	1.983	2455.	67.94	425.0	240.3

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CP1/S1
17	36.000	.44700	571.00	.90.30	1.329	.3680-01	.5260-01	-5.566	-.9500-02
17	36.000	.68500	577.00	108.9	1.604	.4440-01	.9650-01	-5.522	-.1750-01
17	36.000	.89500	583.00	94.40	1.389	.3840-01	.6230-01	-5.556	-.1120-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-01. E.T. L02 PRESSURE BRACKET

E.T. L02 PRES BRKT

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P ₀ PSF A	TO DEG R
17	2.989	4.975	1.985	2456.	67.95	425.0 240.2

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CP(S1)
17	36.000	.44700	571.00	89.44	1.316	.3640-01	.5060-01	-5.568	-.9100-02
17	36.000	.68500	577.00	144.2	2.122	.5870-01	.1794	-5.439	-.3300-01
17	36.000	.89500	583.00	120.8	1.778	.4920-01	.1243	-5.494	-.2260-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

E.T., LO2 PRES BRKT

IH11, MODEL 84-0T, E.T., LO2 PRESSURE BRACKET

PAGE 1894
(RG1J08)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
14	3.512	5.022	1.839	3479.	44.87	387.3	211.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P/I/P	P/I/P0	CP(I)	CP(SI)	CP(SI)
14	36.000	.44700	571.00	50.06	1.116	.1440-01	.1340-01	-8.853	-.1500-02
14	36.000	.68500	577.00	93.05	2.074	.2670-01	.1244	-8.742	-.1420-01
14	36.000	.89500	583.00	88.39	1.970	.2540-01	.1124	-6.754	-.1280-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-01, E.T., L02 PRESSURE BRACKET
E.T., L02 PRES BRKT

PAGE 1895
(RG1J08)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P ⁰ PSFA	Q PSF	T ₀ DEG R
14	3.512	.2394-01	1.837	3477.	44.84	387.1	211.1

TEST DATA

RUN NUMBER	THETA X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CP(S1)
14	36.000	.44700	571.00	57.23	1.276	.1650-01	.3200-01	-.3600-02
14	36.000	.68500	577.00	58.68	1.309	.1690-01	.3570-01	-.4000-02
14	36.000	.89500	583.00	58.20	1.298	.1670-01	.3450-01	-.3900-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-01. E.T.,LO2 PRESSURE BRACKET

E.T.,LO2 PRES BRKT

PAGE 1896
(RG1J08)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P PSF	Q PSF	T ₀ DEG R
14	3.511	-4.983	1.831	3478.	44.87	387.3	211.6

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P ₁ /P	P ₁ /P ₀	CP(1)	CP(SI)	CPI/SI
14	36.000	.44700	571.00	90.57	2.018	.2600-01	.1180	-8.747	-.1350-01
14	36.000	.68500	577.00	46.45	1.035	.1340-01	.4100-02	-8.860	-.5000-03
14	36.000	.89500	583.00	40.90	.9115	.1180-01	-.1030-01	-6.875	.1200-02

DATE : OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

E.T., LO2 PRES BRKT

IH11, MODEL 84-0T, E.T., LO2 PRESSURE BRACKET

PARAMETRIC DATA

BETA = 5.000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF _A	P PSF _A	Q PSF	T ₀ DEG R
19	2.495	-4.996	2.164	1950.	115.1	501.4	288.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSF _A	P ₁ /P	P ₁ /P ₀	CP(I)	CP(SI)	CP(SI)
19	36.000	.44700	571.00	193.5	1.681	.9920-01	.1564	-3.503	-.4460-01
19	36.000	.68500	577.00	189.4	1.646	.9710-01	.1482	-3.511	-.4220-01
19	36.000	.89500	583.00	159.9	1.390	.8200-01	.8940-01	-3.570	-.2500-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

E.T..L02 PRES BRKT

IHII. MODEL 84-01. E.T..L02 PRESSURE BRACKET

PAGE 1898
(RG1J09)

PARAMETRIC DATA

BETA = 5.000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P ₀ PSF A	P PSF A	0 PSF	TO DEG R
19	2.495	.1397-01	2.163	1950.	115.1	501.3	288.1

TEST CONDITIONS

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P1/P	P1/F0	CP(1)	CP(S1)	CP1/S1
19	36.000	.44700	571.00	160.6	1.396	.8840-01	.9080-01	-3.569	-.2540-01
19	36.000	.68500	577.00	196.9	1.711	.1010	.1631	-3.496	-.4670-01
19	36.000	.89500	583.00	180.9	1.572	.9280-01	.1312	-3.528	-.3720-01

TEST DATA

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-0T. E.T. LO2 PRESSURE BRACKET
E.T. LO2 PRES BRKT

PAGE 1899
(RG1J09)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P PSF A	Q PSF	TO DEG R
19	2.495	4.993	2.164	1950.	115.1	501.5	289.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P ₁ /P ₀	CP(1)	CP(SI)	CP1/SI
19	36.000	.4700	571.00	136.2	1.183	.6980-01	-3.618	-.1160-01
19	36.000	.68500	577.00	224.3	1.948	.1150	.2177	-3.442
19	36.000	.89500	583.00	260.5	2.263	.1336	.2900	-.6320-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-0T. E.T.-L02 PRESSURE BRACKET

E.T.-L02 PRES BRKT

PAGE 1900
(RG1J09)

PARAMETRIC DATA

BETA = 5.000

•••TEST CONDITIONS•••

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P ₀ PSF A	P ₀ PSF	TO DEG R
18	2.989	4.979	1.982	2456.	67.95	240.5

•••TEST DATA•••

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P1/P0	CP(1)	CP(SI)	CPI/SI
18	36.000	.44700	571.00	71.41	1.051	.2910-01	.8100-02	-5.610
18	36.000	.68500	577.00	145.5	2.142	.5930-01	.1825	-5.436
18	36.000	.89500	583.00	151.6	2.232	.6170-01	.1969	-.3630-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

E.T.,LO2 PRES BRKT

PAGE 1901
(RG1J09)

PARAMETRIC DATA

BETA = 5.000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	TO DEG R
18	2.989	.1597-01	X10 6 1.981	2452.	67.85	424.3	240.2

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P0	CP(1)	CP(S1)	CP(1/S1)
18	36.000	.44700	571.00	86.14	1.270	.3510-01	-5.575	-.7700-02
18	36.000	.68500	577.00	122.1	1.800	.4980-01	-5.490	-.2330-01
18	36.000	.89500	583.00	125.4	1.849	.5120-01	.1357	-.2480-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

E.T., LO2 PRES BRKT

IH11. MODEL 84-01. E.T., LO2 PRESSURE BRACKET

PAGE 1902
(RG1J09)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P0 PSFA	0 TO DEG R
18	2.989	-4.976	X10 6 1.981	2452.	67.87	424.5 240.4

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CPI/SI
18	36.000	.44700	571.00	110.1	1.623	.4490-01	.9960-01	-5.518	-.1800-01
18	36.000	.68500	577.00	118.2	1.742	.4820-01	.1187	-5.499	-.2160-01
18	36.000	.89500	583.00	96.23	1.418	.3920-01	.6680-01	-5.551	-.1200-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-01, E.T., LO2 PRESSURE BRACKET

E.T., LO2 PRES BRKT

PAGE 1903
(RGJ/J09)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSF A	P PSF A	0 PSF	T0 DEG R
13	3.512	-4.970	X10 6 1.850	3483.	44.90	387.6	210.2

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSF A	P I/P	P I/FO	CP(I)	CP(SI)	CP I/SI
13	36.000	.44700	571.00	82.33	1.834	.2360-01	.9660-01	-8.773	-1.100-01
13	36.000	.68500	577.00	87.87	1.957	.2520-01	.1109	-8.759	-.1270-01
13	36.000	.89500	583.00	69.46	1.547	.1990-01	.6340-01	-6.806	-.7200-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-0T. E.T.-LO2 PRESSURE BRACKET

E.T.-LO2 PRES BRKT

PAGE 1904
(RG1-J09)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀	P	Q	PSF	TO DEG R
13	3.512	.6002-02	1.84+	3477.	44.84	387.0	210.5	

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(S1)	CP(S1)	CP1/S1
13	36.000	.44700	571.00	70.58	1.574	.2030-01	.6650-01	-8.801	-.7600-02	
13	36.000	.68500	577.00	88.23	1.968	.2594-01	.1121	-8.756	-.1280-01	
13	36.000	.89500	583.00	94.25	2.102	.2710-01	.1277	-6.740	-.1460-01	

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-01, E.T.-LO2 PRESSURE BRACKET

E.T.-LO2 PRES BRKT

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P0 PSF A	P PSF A	Q PSF	TO DEG R
13	3.512	5.006	1.844	3480.	44.87	387.4	210.6

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSF A	P/I/P	P/I/FO	CP(I)	CP(SI)	CPI/SI
13	36.000	.4700	571.00	48.39	1.078	.1390-01	.9100-02	-8.859	-.1000-02
13	36.000	.68500	577.00	133.6	2.977	.3840-01	.2290	-8.639	-.2650-01
13	36.000	.89500	583.00	97.66	2.176	.2810-01	.1363	-6.732	-.1560-01

PAGE 1905
(RG1J09)

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-T, E.T..LO2 PRESSURE BRACKET

E.T..LO2 PRES BRKT

PAGE 1906
(RG1J13)

PARAMETRIC DATA

BETA = -5.000

•••TEST CONDITIONS•••

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P0 PSF A	P PSF A	Q PSF	T0 DEG R
48	2.495	-4.943	2.159	1950.	115.1	501.3	288.5

•••TEST DATA•••

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSF A	P(I/P)	P(I/F0)	CP(I)	CP(SI)	CP(SI)
48	36.000	.44700	571.00	101.1	.8783	.5180-01	-.2790-01	-3.687	.7600-02
49	36.000	.68500	577.00	118.1	1.026	.6060-01	.6100-02	-3.653	-.1700-02
48	36.000	.89500	583.00	120.4	1.046	.6170-01	.1060-01	-3.649	-.2900-02

DATE 01 OCT 80

IHI I INTEGRATED VEHICLE PRESSURE DATA

PAGE 1907
(RG1|J3)

E.T., LO2 PRES BRKT

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P0 PSFA	Q0 PSF	T0 DEG R
48	2.494	.5697-03	X10 ⁻⁶ 2.158	1950.	115.1	501.4	288.6

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P1(P) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CPI/SI
48	36.000	.44700	571.00	119.3	1.037	.6120-01	.8400-02	-3.651	.2300-02
48	36.000	.68500	577.00	132.2	1.148	.6780-01	.3400-01	-3.625	.9400-02
48	36.000	.89500	583.00	118.4	1.028	.6070-01	.6500-02	-3.653	.1800-02

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-T. E.I.L02 PRESSURE BRACKET

E.I.L02 PRES BRKT

PAGE 1908
(RGIJ13)

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P ₀ PSF A	Q PSF	TO DEG R
48	2.494	5.015	2.157	1950.	115.1	501.4	288.7

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P1/P	P1/F0	CP(1)	CP(SI)	CPI/SI
48	36.000	.44700	571.00	140.2	1.217	.7190-01	.4990-01	-3.609	-.1380-01
48	36.000	.68500	577.00	155.2	1.348	.7960-01	.7990-01	-3.579	-.2230-01
48	36.000	.89500	583.00	159.5	1.386	.8180-01	.8860-01	-3.571	-.2480-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

E.T.L02 PRES BRKT

IH11. MODEL 84-T, E.T.L02 PRESSURE BRACKET

PAGE 1909
(RGJ/J3)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	PO PSFA	P PSFA	Q PSF	TO DEG R
43	2.989	5.026	1.989	2463.	68.15	426.2	240.4

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CPI/SI
43	36.000	.44700	571.00	84.63	1.242	.3440-01	.3870-01	-5.580	-.6900-02
43	36.000	.68500	577.00	77.16	1.132	.3130-01	.2110-01	-5.598	-.3800-02
43	36.000	.89500	583.00	85.04	1.248	.3450-01	.3960-01	-5.579	-.7100-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-T, E.T., LO2 PRESSURE BRACKET

E.T., LO2 PRES BRKT

PAGE 1910
(RG1J13)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	TO DEG R
43	2.989	.8997-02	1.984	2458.	68.02	425.4	240.4

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CPI/SI
43	36.000	.44700	571.00	55.33	.8135	.2250-01	-.2980-01	-5.648	.5300-02
43	36.000	.68500	577.00	64.10	.9424	.2610-01	-.9200-02	-5.628	.1600-02
43	36.000	.89500	583.00	64.42	.9471	.2620-01	-.8500-02	-5.627	.1500-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

E.T., LO2 PRES BRKT

IH11. MODEL 84-T. E.T., LO2 PRESSURE BRACKET
(RG IJ13)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
43	2.989	-4.938	X10.6 1.986	2460.	68.06	425.7	240.3

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CPI/SI
43	35.000	.44700	571.00	61.96	.9103	.2520-01	-.1430-01	-5.633	.2500-02
43	36.000	.68500	577.00	57.78	.8489	.2350-01	-.2420-01	-5.643	.4300-02
43	36.000	.89500	583.00	50.54	.7426	.2050-01	-.4120-01	-5.660	.7300-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-T, E.T., LO2 PRESSURE BRACKET

E.T., LO2 PRES BRKT

PAGE 1912
(RG1J13)

PARAMETRIC DATA

BETA = -5.000

•••TEST CONDITIONS•••

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P ₀ PSFA	P PSFA	Q PSF	T ₀ DEG R
42	3.512	-4.935	1.845	3481.	44.89	387.5	210.5

•••TEST DATA•••

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P0	CP(1)	CP(SI)	CP(SI)
42	36.000	.44700	571.00	.40.22	.8961	.1160-01	-.1200-01	.1400-02
42	36.000	.68500	577.00	30.65	.6829	.8800-02	-.3670-01	.4100-02
42	36.000	.89500	583.00	26.15	.5826	.7500-02	-.4830-01	.5400-02

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-T. E.T..LO2 PRESSURE BRACKET
E.T..LO2 PRES BRKT

PAGE 1913
(RG1J13)

PARAMETRIC DATA

BETA = -5.000

•••TEST CONDITIONS•••

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	P0 PSF A	P PSF A	Q PSF	TO DEG R
42	3.512	.6188-02	1.841	3480.	44.87	387.4	210.8

•••TEST DATA•••

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P1/P	P1/FO	CP(1)	CP(SI)	CPI/SI
42	36.000	.44700	571.00	.34.38	.7661	.9900-02	-.2710-01	-8.894	.3000-02
42	36.000	.68500	577.00	.38.81	.8648	.1120-01	-.1570-01	-8.883	.1800-02
42	36.000	.89500	583.00	.40.34	.8989	.1160-01	-.1170-01	-8.879	.1300-02

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-T. E.T..LO2 PRESSURE BRACKET

E.T..LO2 PRES BRKT

PAGE 1914
(RG1J13)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P ₀ PSF A	T ₀ DEG R
42	3.512	5.023	1.838	3479.	44.87	387.3
						211.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁ PSF A	P ₁ /P	P ₁ /P ₀	CP(1)	CP(SI)	CP(SI)
42	36.000	.44700	571.00	52.65	1.173	.1510-01	.2010-01	-8.846	-.2300-02
42	36.000	.68500	577.00	51.44	1.146	.1480-01	.1700-01	-8.845	-.1900-02
42	36.000	.89500	583.00	42.84	.9546	.1230-01	.5300-02	-6.872	.6000-03

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-T, E.T..LO2 PRESSURE BRACKET

E.T..LO2 PRES BRKT

PAGE 1915
(RG/J14)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P ^P PSF A	Q PSF	T ₀ DEG R
47	2.495	5.043	2.166	1952.	115.2	501.9	288.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P/I/P	P/I/F0	CP(I)	CP(SI)	CPI/SI
47	36.000	.44700	571.00	122.7	1.065	.6290-01	.1500-01	-3.645	-.4100-02
47	36.000	.68500	577.00	114.9	.9975	.5890-01	-.6000-03	-3.660	.2000-03
47	36.000	.89500	583.00	133.0	1.154	.6810-01	.3550-01	-3.624	-.9800-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-T, E.T..LO2 PRESSURE BRACKET
E.T..LO2 PRES BRKT

PAGE 1916
(RG1J14)

E.T..LO2 PRES BRKT

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁻⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
47	2.495	-4.943	2.159	1950.	115.1	501.4	288.5

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P/I/P	P/I/FO	CP(I)	CP(SI)	CP(SI)
47	36.000	.44700	571.00	162.5	1.412	.8330-01	.9450-01	3.565	.2650-01
47	36.000	.68500	577.00	150.6	1.308	.7720-01	.7080-01	3.589	.1970-01
47	36.000	.89500	583.00	178.5	1.551	.9150-01	.1264	-3.533	.3580-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-T. E.T., LO2 PRESSURE BRACKET
E.T., LO2 PRES BRKT

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁻⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
44	2.989	-4.938	1.986	2457.	67.97	425.2	240.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P1/P	P1/P0	CP(1)	CP(SI)	CP(SI)	CPI/SI
44	36.000	.44700	571.00	98.28	1.446	.4000-01	.7130-01	-5.547	-1290-01	
44	36.000	.68500	577.00	86.47	1.272	.3520-01	.4350-01	-5.575	-7800-02	
44	36.000	.89500	583.00	107.1	1.576	.4360-01	.9210-01	-5.527	-1670-01	

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-T. E.T., LO2 PRESSURE BRACKET
E.T., LO2 PRES BRKT

PAGE 1918
(RG1J14)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT. /FT. X10 ⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
44	2.969	.3379-02	1.987	2455.	67.91	424.8	240.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁ PSFA	P ₁ /P	P ₁ /P ₀	CPI(I)	CP(SI)	CPI/SI
44	36.000	.44700	571.00	101.4	1.493	.4130-01	.7870-01	-5.540	-1420-01
44	36.000	.68500	577.00	74.74	1.101	.3040-01	.1610-01	-5.603	-2900-02
44	36.000	.89500	583.00	75.79	1.116	.3050-01	.1850-01	-5.600	-3300-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-T. E.T. LO2 PRESSURE BRACKET

E.T. LO2 PRES BRKT

PAGE 1919
(RGIIJ14)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	TO DEG R
44	2.989	5.026	X10 6 1.986	2457.	67.98	425.2	240.2

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CPI/SI
44	36.000	.44700	571.00	67.55	.9938	.2750-01	-1000-02	-5.620	.2000-03
44	36.000	.68500	577.00	60.31	.8873	.2450-01	-.1800-01	-5.637	.3200-02
44	36.000	.89500	583.00	71.57	1.053	.2910-01	.8500-02	-5.610	.1500-02

DATE 01 OCT 80

IHII - INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-T, E.T. LO2 PRESSURE BRACKET

E.T. LO2 PRES BRKT

PAGE 1920
(RG1J14)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ⁰ PSF A	P ⁰ PSF A	TO DEG R
41	3.512	5.040	1.859	3483.	44.88	387.6

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P1/P	P1/PO	CP(1),	CP(S1),	CPI/S1
41	36.000	.44700	571.00	.46.41	1.034	.1330-01	.4000-02	-8.868	-.4000-03
41	36.000	.68500	577.00	.35.24	.7851	.1010-01	-.2490-01	-8.897	.2800-02
41	36.000	.89500	583.00	39.74	.8854	.1140-01	-.1330-01	-6.885	.1500-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

E.T., LO2 FRES BRKT

IH11. MODEL 84-T. E.T., LO2 PRESSURE BRACKET

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
41	3.512	.1462-01	X10 6 1.852	3480.	44.86	387.3	209.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CPI/SI
41	36.000	.44700	571.00	62.84	1.401	1810-01	.4640-01	-8.824	-.5300-02
41	36.000	.68500	577.00	44.91	1.001	.1290-01	.1000-02	-8.870	.0000
41	36.000	.89500	583.00	53.51	1.193	.1540-01	.2230-01	-6.448	-.2500-02

PAGE 1921
(RGJ/J4)

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-1, E.T.-L02 PRESSURE BRACKET

E.T.-L02 PRES BRKT

PAGE 1922
(RG1J14)

PARAMETRIC DATA

BETA = .0000

•••TEST CONDITIONS•••

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P _A PSF A	Q PSF	T ₀ DEG R
41	3.512	-4.935	1.848	3480.	44.86	387.3	210.2

•••TEST DATA•••

RUN NUMBER	THETA	X/LREF	TAP NO	P ₁₁ PSF A	P ₁ /P	P ₁ /P ₀	CP(1)	CP(SI)	CP(SI)	CPI/SI
41	36.000	.44700	571.00	64.33	1.434	.1650-01	.5030-01	.8.819	.5700-02	
41	36.000	.689500	577.00	53.08	1.183	.1530-01	.2120-01	.8.848	.2400-02	
41	36.000	.895000	583.00	63.21	1.409	.1620-01	.4740-01	.6.822	.5400-02	

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-T. E.T.,LO2 PRESSURE BRACKET

E.T.,LO2 PRES BRKT

PAGE 1923
(RGU15)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P0 PSFA	TO DEG R
46	2.494	-4.949	X10 6 2.157	1946.	114.9	500.4 288.3

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/F0	CP(I)	CP(SI)	CP(SI)
46	36.000	.44700	571.00	241.6	2.103	.1242	.2533	-3.406	-.7440-01
46	36.000	.68500	577.00	157.0	1.367	.8070-01	.8420-01	-3.575	-.2360-01
46	36.000	.89500	583.00	145.1	1.263	.7460-01	.6040-01	-3.599	-.1680-01

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OF POOR QUALITY

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-T. E.T., LO2 PRESSURE BRACKET

E.T., LO2 PRES BRKT

PAGE 1924
(RG!J15)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSF A	P PSF A	Q PSF	T0 DEG R
46	2.495	.8997-02	2.166	1952.	115.2	501.8	288.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P1/P	P1/F0	CP(1)	CP(SI)	CPI/SI
46	36.000	.44700	571.00	159.7	1.386	.8180-01	.8880-01	-3.571	-.2480-01
46	36.000	.68500	577.00	171.6	1.489	.8790-01	.1124	-3.547	-.3170-01
46	36.000	.89500	583.00	152.0	1.319	.7790-01	.7330-01	-3.586	-.2040-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-T, E.T..LO2 PRESSURE BRACKET
E.T..LO2 PRES BRKT

PARAMETRIC DATA

BETA = 5.000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁻⁶	P ₀ PSF A	P ₀ PSF A	Q	PSF	T ₀ DEG R
46	2.495	5.040	2.167	1952.	115.2	501.9	288.0	

TEST CONDITIONS

RUN NUMBER	THETA	X/LREF	TAP NO	P(1) PSF A	P1/P	P1/F0	CP(1)	CP(SI)	CP(SI)
46	36.000	.44700	571.00	156.0	1.354	.7990-01	.8120-01	-3.579	-.2270-01
46	36.000	.68500	577.00	191.2	1.660	.9800-01	.1515	-3.508	-.4320-01
46	36.000	.89500	583.00	125.0	1.085	.6400-01	.1950-01	-3.640	-.5400-02

TEST DATA

PAGE 1925
(RG1J15)

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-T, E.T.,LO2 PRESSURE BRACKET

E.T.,LO2 PRES BRKT

PAGE 1926
(RG1J15)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P PSFA	Q PSF	T ₀ DEG R
46	2.495	.2585-01	2.166	1953.	115.3	502.2	288.1

TEST DATA

RUN NUMBER	THE T A	X/LREF	TAP NO	P(I) PSFA	P/I/P	P/I/FO	CPI(I)	CPI(SI)	CPI/SI
46	36.000	.44700	571.00	175.3	1.520	.8970-01	.1194	-3.540	-.3370-01
46	36.000	.68500	577.00	135.1	1.172	.6920-01	.3940-01	3.620	-.1090-01
46	36.000	.89500	583.00	139.0	1.206	.7120-01	.4720-01	-3.613	-.1310-01

DATE 01 OCT 80

IHI INTEGRATED VEHICLE PRESSURE DATA

E.T. LO2 PRES BRKT

IHI. MODEL 84-T, E.T. LO2 PRESSURE BRACKET

PAGE 1927
(RG1J15)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
45	2.989	5.023	X10 6 1.986	2456.	67.94	425.0	240.1

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/P0	CP(I)	CP(SI)	CP(SI)
45	36.000	.44700	571.00	93.30	1.373	.3800-01	.5970-01	-5.559	-.1070-01
45	36.000	.68500	577.00	110.4	1.624	.4490-01	.9980-01	-5.519	-.1810-01
45	36.000	.89500	583.00	68.30	1.005	.2780-01	.8000-03	-5.618	-.2000-03

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-T. E.T..LO2 PRESSURE BRACKET

E.T..LO2 PRES BRKT

PAGE 1928
(RG1J15)

PARAMETRIC DATA

BETA = 5.000

•••TEST CONDITIONS•••

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
45	2.989	.1742-01	1.985	2454.	67.91	424.7	240.1

•••TEST DATA•••

RUN NUMBER	THETA	X/LREF	TAP NO	P(L) PSF A	P ₁ /P	P ₁ /FO	CP(1)	CP(SI)	CP(SI)
45	36.000	.44700	571.00	94.07	1.385	.3830-01	.6160-01	-5.557	-1110-01
45	36.000	.68500	577.00	102.3	1.506	.4170-01	.8090-01	-5.538	-1460-01
45	36.000	.89500	583.00	94.23	1.388	.3840-01	.6200-01	-5.557	-1120-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-T. E.T., L02 PRESSURE BRACKET

E.T., L02 PRES BRKT

PAGE 1929
(RG1J15)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P0 PSFA	0 PSF	TO DEG R
45	2.989	-4.952	X10 6 1.987	2456.	67.94	425.0	240.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P1(P) PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CP(S1)
45	36.000	.44700	571.00	157.3	2.316	.6410-01	.2103	-5.409	-.3890-01
45	36.000	.68500	577.00	91.45	1.346	.3720-01	.5530-01	-5.563	-.9900-02
45	36.000	.89500	583.00	90.72	1.335	.3690-01	.5360-01	-5.565	-.9600-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-T. E.T., LO2 PRESSURE BRACKET

E.T., LO2 PRES BRKT

PAGE 1930
(RG1J15)

E.T., LO2 PRESSURE BRACKET

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
40	3.513	-4.949	X10 6 1.886	3481.	44.79	387.0	207.0

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(L) PSFA	P1/P	P1/F0	CP(L)	CP(SI)	CPI/SI
40	36.000	.44700	571.00	111.9	2.498	.3210-01	.1734	-8.706	-.1990-01
40	36.000	.68500	577.00	58.64	1.309	.1680-01	.3560-01	-8.844	-.4000-02
40	36.000	.89500	583.00	63.72	1.423	.1830-01	.4890-01	-8.831	-.5500-02

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-T. E.T. LO2 PRESSURE BRACKET
E.T. LO2 PRES BRKT

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	T0 DEG R
40	3.512	.6188-02	X10 6 1.864	3481.	44.85	387.3	208.9

TEST DATA

RUN NUMBER	THETA	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/F0	CP(I)	CP(SI)	CPI/SI
40	36.000	.44700	571.00	65.11	1.452	.1870-01	.5230-01	-8.821	-.5900-02
40	36.000	.68500	577.00	69.77	1.556	.2000-01	.6440-01	-8.809	-.7300-02
40	36.000	.89500	583.00	57.32	1.278	.1650-01	.3220-01	-8.841	-.3600-02

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(RGIJ15)

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

E.T., L02 PRES BRKT

IH11. MODEL 84-T. E.T., L02 PRESSURE BRACKET

PAGE 1932
(RG1J15)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P _O PSF A	P PSF A	Q PSF	T _O DEG R
40	3.512	5.040	1.859	3483.	44.88	367.5	209.4

TEST DATA

RUN NUMBER	THE TTA	X/LREF	TAP NO	P _U PSF A	P _I /P	P _I /P _O	C _P (I)	C _P (S) _I	C _P (S) _I
40	36.000	.44700	571.00	60.50	1.348	.1740-01	.4030-01	-8.832	-.4600-02
40	36.000	.68500	577.00	75.28	1.677	.2160-01	.7840-01	-8.794	-.8900-02
40	36.000	.89500	583.00	42.34	.9434	.1220-01	.6600-02	-8.679	.7000-03

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-OTS, E.T. ATTACH HDWR

E.T. ATTACH HDWR

PAGE 1933
(RGIA01)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P0 PSF	TO DEG R
3	2.495	-5.000	X10.6 2.160	1945.	114.8	500.1 287.8

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P1/P PSFA	P1/P0	CP(1)	CP(SI)	CP(1/SI)	
3	586.00	.00000	1156.5	10.07	.5946	2.083	-1.576	-1.321
3	587.00	.00000	91.810	.7997	.4720-01	.4600-01	-3.706	.1240-01
3	588.00	.00000	453.10	3.947	.2330	.6765	-2.983	.2268
3	589.00	.00000	1.35.35	1.179	.6960-01	.4110-01	-3.618	.1140-01
3	590.00	.00000	332.51	2.896	.1710	.4353	-3.224	.1350
3	591.00	.00000	380.12	3.311	.1955	.5306	-3.129	.1696
3	592.00	.00000	1041.4	9.071	.5355	.1.853	-1.807	.1.026
3	593.00	.00000	626.01	5.453	.3219	1.022	-2.637	.3875
3	594.00	.00000	645.31	5.621	.3318	1.061	-2.599	.4082
3	595.00	.00000	265.43	2.312	.1365	.3012	-3.358	.8970-01
3	596.00	.00000	360.74	3.142	.1855	.4918	-3.168	.1553
3	597.00	.00000	388.10	3.380	.1996	.5465	-3.113	.1756
3	598.00	.00000	323.26	2.816	.1662	.4168	-3.243	.1285
3	599.00	.00000	480.37	4.184	.2470	.7310	-2.928	.2496
3	600.00	.00000	704.09	6.133	.3620	.1.178	-2.481	.4750
3	601.00	.00000	294.78	2.568	.1516	.3599	-3.300	.1091
3	602.00	.00000	320.86	2.795	.1650	.4121	-3.248	.1269

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII, MODEL 84-OTS, E.T. ATTACH HDWR

E.T. ATTACH HDWR

PAGE 1934
(RGIA01)

PARAMETRIC DATA

BETA = -5.00C

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	TO DEG R
3	2.495	.4009-02	Xiu 6 2.160	1946.	114.9	500.3	288.0

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CPI/SI
3	586.00	.00000	1142.0	9.942	.5869	2.053	-1.606	-1.278
3	587.00	.00000	71.500	.6225	.3670-01	.8670-01	-3.746	.2310-01
3	588.00	.00000	467.38	4.069	.2402	.7046	-2.955	.2385
3	589.00	.00000	138.66	1.207	.7130-01	.4760-01	-3.612	.1320-01
3	590.00	.00000	310.16	2.700	.1594	.1304	-3.269	-1.194
3	591.00	.00000	341.59	2.974	.1756	.4532	-3.206	-1.413
3	592.00	.00000	981.08	8.54	.5042	1.731	-1.928	.8980
3	593.00	.00000	599.55	5.220	.3081	.9688	-2.691	.3601
3	594.00	.00000	570.92	4.970	.2934	.9116	-2.748	.3317
3	595.00	.00000	236.93	2.063	.1218	.2440	-3.415	.7140-01
3	596.00	.00000	365.36	3.181	.1878	.5007	-3.159	.1585
3	597.00	.00000	319.65	2.783	.1643	.4093	-3.250	.1259
3	598.00	.00000	293.41	2.555	.1508	.3569	-3.303	.1081
3	599.00	.00000	446.16	3.884	.2293	.6622	-2.997	.2209
3	600.00	.00000	710.19	6.183	.3650	1.190	-2.470	.4819
3	601.00	.00000	285.83	2.488	.1469	.3417	-3.318	.1030
3	602.00	.00000	304.18	2.648	.1563	.3784	-3.281	.1153

ORIGINAL PAGE IS
OF POOR QUALITY

DATE 01 OCT 80

IHI INTEGRATED VEHICLE PRESSURE DATA
IHI. MODEL 84-OTS, E.T. ATTACH HDWR

E.T. ATTACH HDWR

PAGE 1935
(REGIA01)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
3	2.495	5.016	X10.6 2.161	1946.	114.9	500.3	287.9

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(I) PSFA	P1/P	P1/P0	CP(I)	CP(SI)	CP1/SI
3	586.00	.00000	1042.5	9.077	.5358	1.854	-1.805	-1.027
3	587.00	.00000	71.170	.6197	.3660-01	.8730-01	-3.747	.2330-01
3	588.00	.00000	445.84	3.882	.2292	.6616	-2.998	.2207
3	589.00	.00000	132.96	1.158	.6830-01	.7620-01	-3.623	.1000-01
3	590.00	.00000	325.92	2.838	.1675	.4219	-3.238	.1303
3	591.00	.00000	396.64	3.454	.2039	.5633	-3.096	.1819
3	592.00	.00000	961.23	8.369	.4941	.692	-1.968	.8598
3	593.00	.00000	601.40	5.236	.3091	.9726	-2.687	.3620
3	594.00	.00000	616.07	5.364	.3166	1.002	-2.658	.3770
3	595.00	.00000	287.96	2.507	.1480	.3460	-3.313	.1044
3	596.00	.00000	288.20	2.509	.1481	.3465	-3.313	.1046
3	597.00	.00000	318.34	2.772	.1636	.4068	-3.253	.1251
3	598.00	.00000	294.18	2.561	.1512	.3585	-3.301	.1086
3	599.00	.00000	419.52	3.653	.2156	.6090	-3.051	.1996
3	600.00	.00000	681.05	5.930	.3500	1.132	-2.528	.4477
3	601.00	.00000	247.78	2.157	.1274	.2657	-3.394	.7830-01
3	602.00	.00000	282.22	2.457	.1451	.3346	-3.325	.1006

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII, MODEL 84-0TS, E.T. ATTACH HDWR

E.T. ATTACH HDWR

PAGE 1936
(RGIA01)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
9	2.989	5.010	X10 .6 1.966	2449.	67.80	424.0	241.5

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/P0	CP(I)	CP(SI)	CP(SI)	CP(SI)
9	586.00	.00000	727.61	10.73	.2971	1.556	-4.060	-.3833	
9	587.00	.00000	52.210	.7701	.2130-01	.3680-01	-5.654	.6500-02	
9	588.00	.00000	243.03	3.585	.9920-01	.4133	-5.203	-.7910-01	
9	589.00	.00000	63.470	9.362	.2590-01	-.1620-01	-5.627	.1800-02	
9	590.00	.00000	238.45	3.517	.9740-01	.4025	-5.214	-.7720-01	
9	591.00	.00000	237.81	3.508	.9710-01	.4010	-5.216	-.7690-01	
9	592.00	.00000	906.86	13.38	.3703	1.979	-3.638	-.5441	
9	593.00	.00000	338.73	4.996	.1383	.6391	-4.978	-.1284	
9	594.00	.00000	309.46	4.564	.1264	.5700	-5.047	-.1130	
9	595.00	.00000	174.84	2.579	.7140-01	.2525	-5.364	-.4710-01	
9	596.00	.00000	254.45	3.753	.1039	.4403	-5.176	-.8510-01	
9	597.00	.00000	187.71	2.769	.7660-01	.2828	-5.334	-.5300-01	
9	598.00	.00000	176.77	2.607	.7220-01	.2571	-5.360	-.4800-01	
9	599.00	.00000	250.59	3.696	.1023	.4312	-5.186	-.8320-01	
9	600.00	.00000	387.86	5.721	.1584	.7550	-4.862	-.1553	
9	601.00	.00000	245.61	3.623	.1003	.4194	-5.197	-.8070-01	
9	602.00	.00000	209.50	3.090	.8550-01	.3343	-5.283	-.6330-01	

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII, MODEL 84-OTS, E.T. ATTACH HOUR

E.T. ATTACH HOUR

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P ₀ PSFA	P PSFA	Q PSF	T ₀ DEG R
9	2.989	-4.988	1.987	2451.	67.80	424.1	239.6

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P ₁ /P	P ₁ /P ₀	CP(1)	CP(S1)	CP(S1)	CPI/SI
9	586.00	.00000	1024.5	15.11	.4181	2.256	-3.363	-6.709	
9	587.00	.00000	57.290	.8451	.2310-01	.2480-01	-5.644	.4400-02	
9	588.00	.00000	251.23	3.706	.1025	.4326	-5.186	.8340-01	
9	589.00	.00000	99.870	1.473	.4080-01	.7560-01	-5.543	.1360-01	
9	590.00	.00000	251.23	3.706	.1025	.4326	-5.186	.8340-01	
9	591.00	.00000	268.83	3.965	.1037	.4740	-5.145	.9210-01	
9	592.00	.00000	705.06	10.40	.2877	1.503	-4.116	.3651	
9	593.00	.00000	584.39	8.620	.2395	1.218	-4.401	.2768	
9	594.00	.00000	607.85	8.966	.2480	1.273	-4.345	.2931	
9	595.00	.00000	230.42	3.399	.9400-01	.2835	-5.235	.7330-01	
9	596.00	.00000	129.60	1.912	.5290-01	.1457	-5.473	.2660-01	
9	597.00	.00000	277.74	4.097	.1133	.4951	-5.124	.9660-01	
9	598.00	.00000	230.02	3.393	.9390-01	.3825	-5.236	.7310-01	
9	599.00	.00000	268.50	3.960	.1096	.4733	-5.146	.9200-01	
9	600.00	.00000	474.49	6.999	.1936	.9590	-4.660	.2058	
9	601.00	.00000	141.25	2.083	.5760-01	.1732	-5.446	.3180-01	
9	602.00	.00000	229.38	3.383	.9360-01	.3810	-5.238	.7270-01	

PARAMETRIC DATA

DATE 01 OCT 80

[HII] INTEGRATED VEHICLE PRESSURE DATA

[HII]. MODEL 84-OTS, E.T. ATTACH HDWR

E.T. ATTACH HDWR

PAGE 1938
(RGIA01)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
9	2.989	.1397-01	X10 6 1.986	2449.	67.75	423.8	239.6

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(SI)	CP(SI)
9	586.00	.00000	1040.3 45.650	15.36 .6737	.4248 .1860-01	.2.295 -.5220-01	-3.324 -.5.671	-.6905 .920-02
9	587.00	.00000	238.22 3.516	3.516 .9730-01	.3940-01 .4023	.5.216 -.5.216	-.7710-01	-.7710-01
9	588.00	.00000	96.400 1.423	1.423 .3940-01	.1076 .8760-01	.5.551 -.5.551	-.1220-01	-.1220-01
9	589.00	.00000	263.59 3.891	3.891 .1293	.1293 .3130	.5.156 1.649	-.8950-01 -.3.970	-.8950-01 -.4153
9	590.00	.00000	316.51 4.672	4.672 .3130	.3130 .1685	.5.032 -.8141	-.1167 -.4.805	-.1167 -.1694
9	591.00	.00000	766.38 1.131	1.131 .3130	.3130 .1685	.5.254 -.8141	-.4.153 -.1694	-.4.153 -.1694
9	592.00	.00000	412.72 6.092	6.092 .1685	.1685 .8141	.3.970 -.4.805	-.4.805 -.1694	-.4.805 -.1694
9	593.00	.00000	443.24 6.542	6.542 .1810	.1810 .8861	.3.773 -.4.733	-.1872 -.1872	-.1872 -.1872
9	594.00	.00000	227.62 3.360	3.360 .9300-01	.9300-01 .5680-01	.5.241 1.686	-.7200-01 -.3090-01	-.7200-01 -.3090-01
9	595.00	.00000	139.20 2.055	2.055 .5680-01	.5680-01 .9070-01	.5.450 1.3642	-.3090-01 -.6930-01	-.3090-01 -.6930-01
9	596.00	.00000	222.08 3.278	3.278 .9070-01	.9070-01 .8020-01	.5.254 -.3035	-.6930-01 -.5.315	-.6930-01 -.5.315
9	597.00	.00000	196.38 2.899	2.899 .8020-01	.8020-01 .8290-01	.5.254 -.3195	-.5.315 -.5.299	-.5.315 -.6030-01
9	598.00	.00000	203.12 2.998	2.998 .8290-01	.8290-01 .8777	.5.254 -.4.741	-.5.254 -.4.741	-.5.254 -.4.741
9	599.00	.00000	439.70 6.490	6.490 .5380-01	.5380-01 .1512	.5.467 -.2760-01	-.2760-01 -.4.667	-.2760-01 -.4.667
9	600.00	.00000	131.81 1.946	1.946 .5380-01	.5380-01 .2476	.5.371 -.4.610-01	-.4.610-01 -.4.610-01	-.4.610-01 -.4.610-01
9	601.00	.00000	172.69 2.549	2.549 .7050-01	.7050-01			

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-OTS, E.T. ATTACH HDWR

E.T. ATTACH HDWR

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
9	2.989	4.983	1.986	2451.	67.82	424.2	239.8

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(I) PSFA	P(I)/P	P(I)/PO	CP(I)	CP(SI)	CP(SI)
9	586.00	00000	755.34	11.14	.3081	.1.621	-3.998	-.4054
9	587.00	00000	52.930	.7804	.2160-01	-.3510-01	-5.654	.6200-02
9	588.00	00000	286.82	.4.229	.1170	.5163	-.5.102	.1012
9	589.00	00000	67.620	.9971	.2760-01	-.5000-03	-5.619	.1000-03
9	590.00	00000	285.06	.4.203	.1163	.5121	-.5.107	.1003
9	591.00	00000	207.33	3.057	.8460-01	.3289	-.5.290	.6220-01
9	592.00	00000	858.03	1.2.65	.3500	.1.863	-3.756	.4960
9	593.00	00000	341.74	5.039	.1394	.6457	-.4.973	.1299
9	594.00	00000	305.53	4.505	.1246	.5604	-5.058	.1108
9	595.00	00000	171.76	2.533	.7010-01	.2450	-.5.374	.4560-01
9	596.00	00000	258.80	3.816	.1056	.4502	-.5.168	.8710-01
9	597.00	00000	182.68	2.694	.7450-01	.2708	-.5.348	.5060-01
9	598.00	00000	172.32	2.541	.7030-01	.2164	-.5.372	.4590-01
9	599.00	00000	246.19	3.630	.1004	.4205	-.5.198	.8090-01
9	600.00	00000	417.70	6.159	.1704	.8208	-.4.794	.1721
9	601.00	00000	241.94	3.567	.9870-01	.4105	-.5.208	.7880-01
9	602.00	00000	202.59	2.987	.8260-01	.3177	-.5.301	.5990-01

PARAMETRIC DATA

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IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-OTS, E.T. ATTACH HOUR

E.T. ATTACH HOUR

PAGE 1940
(RG1A01)

PARAMETRIC DATA

BETA = -5.000

••• TEST CONDITIONS •••

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P ₀ PSF	θ _{PSF}	TO DEG R
6	3.510	-4.970	1.808	3477.	44.92	387.5	213.7

••• TEST DATA •••

RUN NUMBER	TAP NO	DUMMY	P ₁₁ PSF A	P ₁ /P	P ₁ /P ₀	CP(1)	CP(SI)	CP(SI)
6	586.00	.00000	892.36	19.86	.2566	2.187	-6.671	-.3278
6	587.00	.00000	64.420	1.434	.1850-01	.5030-01	-8.808	-.5700-02
6	588.00	.00000	167.50	3.729	.4820-01	.3163	-8.542	-.3700-01
6	589.00	.00000	78.240	1.742	.2250-01	.8500-01	-8.772	-.9800-02
6	590.00	.00000	149.35	3.325	.4290-01	.2695	-8.589	-.3140-01
6	591.00	.00000	162.84	3.625	.4680-01	.3043	-8.554	-.3560-01
6	592.00	.00000	519.00	11.55	.1493	1.223	-7.635	-.1503
6	593.00	.00000	493.46	10.98	.1419	1.157	-7.700	-.1503
6	594.00	.00000	549.61	12.24	.1581	1.302	-7.555	-.1724
6	595.00	.00000	177.95	3.961	.5120-01	.3433	-8.515	-.4030-01
6	596.00	.00000	69.490	1.992	.2570-01	.1150	-8.743	-.1320-01
6	597.00	.00000	192.01	4.274	.5520-01	.3796	-8.478	-.4480-01
6	598.00	.00000	172.32	3.836	.4960-01	.3298	-8.529	-.3850-01
6	599.00	.00000	209.60	4.666	.6030-01	.4250	-8.433	-.5040-01
6	600.00	.00000	335.26	7.463	.9640-01	.7493	-8.109	-.5240-01
6	601.00	.00000	109.58	2.439	.3150-01	.1669	-8.691	-.1920-01
6	602.00	.00000	170.07	3.786	.4890-01	.3230	-8.535	-.3780-01

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OF POOR QUALITY

DATE 01 OCT 80

IHI INTEGRATED VEHICLE PRESSURE DATA

E.T. ATTACH HDWR
IHI1. MODEL 84-OTS, E.T. ATTACH HDWR

BETA = -5.000

PARAMETRIC DATA

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P ₀ PSFA	P ₀ PSF	TO DEG R
6	3.510	-.5379-01	1.804	3476.	44.91	387.4
						213.9

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P ₁ /PSFA	P ₁ /P	CP(1)	CP(S1)	CP(S1)
6	586.00	.00000	916.64	20.41	.2637	.2250	-6.607
6	587.00	.00000	53.280	1.186	.1530-01	.2160-01	-8.836
6	588.00	.00000	142.84	3.181	.4110-01	.2528	-8.604
6	589.00	.00000	58.090	1.294	.1670-01	.2400-01	-8.823
6	590.00	.00000	177.19	3.945	.5100-01	.3415	-8.516
6	591.00	.00000	167.80	3.736	.4830-01	.3172	-8.540
6	592.00	.00000	331.44	7.380	.9530-01	.7396	-8.117
6	593.00	.00000	321.48	7.158	.9250-01	.7139	-8.143
6	594.00	.00000	336.65	7.496	.9680-01	.7531	-8.104
6	595.00	.00000	166.52	3.708	.4790-01	.3139	-8.543
6	596.00	.00000	69.170	1.540	.1990-01	.6260-01	-8.794
6	597.00	.00000	131.69	2.932	.3790-01	.2240	-8.633
6	598.00	.00000	142.28	3.168	.4090-01	.2513	-8.606
6	599.00	.00000	104.40	2.324	.3000-01	.1536	-8.704
6	600.00	.00000	295.32	6.576	.8500-01	.6464	-8.211
6	601.00	.00000	90.190	2.008	.2590-01	.1169	-8.740
6	602.00	.00000	140.35	3.125	.4040-01	.2464	-8.611

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(RGIA01)

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IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, E.T. ATTACH HDWR

E.T. ATTACH HDWR

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(RG1A01)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	TO DEG R
6	3.510	5.024	X10 6 1.804	3474.	44.89	387.2	213.9

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(I) PSFA	P/I/P	P/I/PO	CP(I)	CP(SI)	CP/SI
6	586.00	.00000	484.33	10.79	.1394	1.135	-7.722	-1470
6	587.00	.00000	45.970	1.024	.1320-01	.2800-02	-8.854	-3000-03
6	588.00	.00000	149.73	3.336	.4310-01	.2708	-8.586	-3150-01
6	589.00	.00000	53.770	1.198	.1550-01	.2290-01	-8.834	-2600-02
6	590.00	.00000	158.50	3.531	.4560-01	.2334	-8.564	-3430-01
6	591.00	.00000	218.53	4.868	.6230-01	.4484	-8.409	-5330-01
6	592.00	.00000	626.63	13.95	.1802	1.501	-7.356	-2040
6	593.00	.00000	345.04	7.686	.9930-01	.7752	-8.082	-9590-01
6	594.00	.00000	354.05	7.887	.1019	.7984	-8.059	-9910-01
6	595.00	.00000	162.19	3.613	.4670-01	.3029	-8.554	-3540-01
6	596.00	.00000	113.49	2.528	.3270-01	.1772	-8.680	-2040-01
6	597.00	.00000	120.69	2.911	.3760-01	.2216	-8.635	-2570-01
6	598.00	.00000	124.95	3.006	.3880-01	.2326	-8.625	-2700-01
6	599.00	.00000	163.80	3.649	.4713-01	.3071	-8.550	-3590-01
6	600.00	.00000	313.94	6.993	.9040-01	.6948	-8.162	-8110-01
6	601.00	.00000	99.420	2.215	.2060-01	.1400	-8.716	-1620-01
6	602.00	.00000	120.93	2.917	.3770-01	.2222	-8.635	-2570-01

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IHI INTEGRATED VEHICLE PRESSURE DATA

IHI MODEL 84-OTS, E.T. ATTACH HDWR

E.T. ATTACH HDWR

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	PO PSFA	P PSFA	Q PSF	T ₀ DEG R
2	2.495	5.028	2.160	1945.	114.8	500.2	287.8

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CP1/S1
2	586.00	.00000	1088.4	9.479	.5596	1.947	-1.713	-1.137
2	587.00	.00000	101.53	.8842	.5220-01	-2.6660-01	-3.686	.7200-02
2	588.00	.00000	451.10	3.928	.2319	.6723	-2.987	-.2251
2	589.00	.00000	170.18	1.482	.8750-01	.1107	-3.549	-.3120-01
2	590.00	.00000	353.50	3.079	.1817	.4772	-3.182	-.1500
2	591.00	.00000	297.29	2.589	.1528	.3648	-3.295	-.1107
2	592.00	.00000	427.74	3.725	.2199	.6256	-3.034	-.2062
2	593.00	.00000	385.87	3.361	.1984	.5419	-3.118	-.1738
2	594.00	.00000	403.10	3.511	.2072	.5764	-3.083	-.1669
2	595.00	.00000	218.66	1.904	.1124	.2076	-3.452	-.6010-01
2	596.00	.00000	152.24	1.326	.7830-01	.780-01	-3.585	-.2090-01
2	597.00	.00000	219.14	1.909	.1127	.2086	-3.451	-.6040-01
2	598.00	.00000	199.73	1.731	.1022	.1678	-3.492	-.4800-01
2	599.00	.00000	232.30	2.023	.1194	.249	-3.425	-.6860-01
2	600.00	.00000	326.55	2.844	.1679	.4233	-3.236	-.1308
2	601.00	.00000	246.01	2.143	.1265	.2623	-3.397	-.7720-01
2	602.00	.00000	234.93	2.046	.1208	.2401	-3.419	-.7020-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-OTS. E.T. ATTACH HDWR

E.T. ATTACH HDWR

PAGE 1944
(RGIA02)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	T0 DEG R
2	2.495	-2788-01	X10 6 2.160	1946.	114.9	500 .3	288.0

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(I) PSFA	P(I/P)	P(I/P0)	CP(I)	CP(SI)	CPI/SI
2	586.00	.00000	1121.1	9.761	.5762	2.011	-1.648	-1.220
2	587.00	.00000	117.42	1.022	.6040-01	.5100-02	-3.654	-.1400-02
2	588.00	.00000	401.95	3.500	.2066	.5739	-3.086	-.1860
2	589.00	.00000	149.57	1.302	.7690-01	.6940-01	-3.590	-.1930-01
2	590.00	.00000	331.92	2.890	.1706	.4339	-3.226	-.1345
2	591.00	.00000	338.54	2.947	.1740	.4471	-3.212	-.1392
2	592.00	.00000	472.55	4.114	.2429	.7150	-2.944	.2428
2	593.00	.00000	485.79	4.230	.2197	.7415	-2.918	.2541
2	594.00	.00000	483.72	4.212	.2486	.7373	-2.922	.2523
2	595.00	.00000	223.11	1.943	.1147	.2164	-3.443	.6290-01
2	596.00	.00000	152.12	1.324	.7820-01	.7450-01	-3.585	.2080-01
2	597.00	.00000	263.48	2.294	.1354	.2971	-3.252	.8840-01
2	598.00	.00000	221.8	1.930	.1139	.2135	-3.446	.6200-01
2	599.00	.00000	248.56	2.164	.1278	.2673	-3.392	.7880-01
2	600.00	.00000	339.26	2.954	.1744	.4486	-3.211	.1397
2	601.00	.00000	257.81	2.245	.1325	.2858	-3.374	.8470-01
2	602.00	.00000	238.91	2.080	.1228	.2480	-3.412	.7270-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

E.T. ATTACH HDWR

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IH11, MODEL 84-OTS, E.T. ATTACH HC-4R
(RGIA02)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	TO DEG R
2	2.495	-4.996	x10 ⁶ 2.162	1946.	114.9	500.4	287.8

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(I) PSFA	P/I/P	P/I/PO	CP(I)	CP(SI)	CP/SI
2	586.00	.00000	1191.8	10.37	.6124	2.152	-1.507	-1.428
2	587.00	.00000	103.75	.9032	.5330-01	.2220-01	-3.682	.6060-02
2	588.00	.00000	478.40	4.164	.2458	.7265	-2.933	-.2477
2	589.00	.00000	137.46	1.197	.7060-01	.4510-01	-3.614	-.1250-01
2	590.00	.00000	315.70	2.748	.1622	.4013	-3.258	-.1232
2	591.00	.00000	392.67	3.418	.2018	.5552	-3.104	-.1788
2	592.00	.00000	611.94	5.327	.3145	.9934	-2.666	-.3726
2	593.00	.00000	508.12	4.423	.2611	.7859	-2.874	-.2735
2	594.00	.00000	559.11	4.867	.2873	.8878	-2.772	-.3203
2	595.00	.00000	226.06	1.968	.162	.2222	-3.437	-.6460-01
2	596.00	.00000	208.05	1.811	.1069	.1862	-3.473	-.5360-01
2	597.00	.00000	351.15	3.057	.1804	.4762	-3.187	-.1481
2	598.00	.00000	265.66	2.313	.1365	.3013	-3.358	-.8970-01
2	599.00	.00000	317.13	2.761	.1630	.4042	-3.255	-.1242
2	600.00	.00000	382.23	3.327	.1964	.5343	-3.125	-.1710
2	601.00	.00000	304.54	2.651	.1565	.3790	-3.280	-.1155
2	602.00	.00000	274.82	2.392	.1412	.3197	-3.340	-.9570-01

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IH:1 INTEGRATED VEHICLE PRESSURE DATA
IH:1. MODEL 84-OTS. E.T. ATTACH HDWR

E.T. ATTACH HDWR

PAGE 1946
(RG1A02)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	T DEG R
8	2.989	5.010	X10.6 1.990	2453.	67.87	424.6	239.6

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(I) PSFA	P/I/P	P/I/PO	CP(I)	CP(S)	CP/I/SI
8	586.00	.00000	828.77	12.21	.3378	1.792	-3.827	-.4683
8	587.00	.00000	93.900	1.383	.3830-01	.6130-01	-5.558	-.1100-01
8	588.00	.00000	223.80	3.297	.9120-01	.3673	-5.252	-.6990-01
8	589.00	.00000	95.340	1.405	.3890-01	.6470-01	-5.554	-.1160-01
8	590.00	.00000	171.41	2.525	.6990-01	.2439	-5.375	-.4540-01
8	591.00	.00000	245.38	3.615	1.0000+00	.4181	-5.201	-.8040-01
8	592.00	.00000	304.11	4.481	.1240	.5564	-5.063	-.1099
8	593.00	.00000	326.50	4.811	.1331	.6092	-5.010	-.1216
8	594.00	.00000	298.26	4.394	.1216	.5426	-5.076	-.1069
8	595.00	.00000	161.38	2.378	.6580-01	.2202	-5.399	-.4080-01
8	596.00	.00000	76.730	1.131	.3130-01	.2090-01	-5.598	-.3700-02
8	597.00	.00000	126.96	1.870	.5170-01	.1392	-5.480	-.2540-01
8	598.00	.00000	125.83	1.854	.5130-01	.1365	-5.483	-.2490-01
8	599.00	.00000	125.06	1.990	.5500-01	.1582	-5.461	-.2900-01
8	600.00	.00000	227.17	3.347	.9260-01	.3752	-5.244	-.7160-01
8	601.00	.00000	123.91	1.826	.5050-01	.1320	-5.487	-.2440-01
8	602.00	.00000	136.58	2.012	.5570-01	.1618	-5.457	-.2970-01

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IHI I INTEGRATED VEHICLE PRESSURE DATA

IHI I. MODEL 84-OTS, E.T. ATTACH HDWR

E.T. ATTACH HDWR

PAGE 1947
(RG1A02)

PARAMETRIC DATA

BETA = .00000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT ^{X10⁻⁶}	P0 PSFA	P PSFA	Q PSF	T0 DEG R
8	2.989	.1397-01	1.968	2451.	67.81	424.2	239.6

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(I) PSFA	P/I/P	P/I/P0	CP(I)	CP(SI)	CP1/SI
8	586.00	.00000	913.22	13.47	.3726	1.993	-3.626	-54.97
8	587.00	.00000	81.270	1.99	.3320-01	.3170-01	-5.587	-5700-02
8	588.00	.00000	163.26	2.407	.6660-01	.2250	-5.394	-4170-01
8	589.00	.00000	107.24	1.581	.4370-01	.9290-01	-5.526	-1680-01
8	590.00	.00000	130.30	1.922	.5350-01	1.473	-4.71	-2690-01
8	591.00	.00000	229.32	3.382	.9356-01	.3808	-5.238	-7270-01
8	592.00	.00000	363.07	5.354	1.481	.6961	-4.923	-1414
8	593.00	.00000	276.42	4.076	1.128	.491	-5.127	-9590-01
8	594.00	.00000	313.15	4.618	1.278	.5784	-5.040	-1148
8	595.00	.00000	165.51	2.441	.6750-01	.2303	-5.388	-4270-01
8	596.00	.00000	71.870	1.060	.2930-01	.9600-02	-5.609	-1700-02
8	597.00	.00000	141.72	2.090	.5780-01	.1742	-5.445	-3200-01
8	598.00	.00000	146.30	2.157	.5970-01	.1850	-5.434	-3410-01
8	599.00	.00000	116.16	1.713	.4740-01	.1140	-5.505	-2070-01
8	600.00	.00000	238.08	3.511	.9710-01	.4014	-5.217	-7690-01
8	601.00	.00000	113.18	1.669	.4620-01	.1070	-5.512	-1940-01
8	602.00	.00000	136.81	2.018	.5580-01	.1627	-5.456	-2980-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
 IHII. MODEL 84-OTS, E.T. ATTACH HDWR
 E.T. ATTACH HDWR

PAGE 1948
 (RGIA02)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	TO DEGR
8	2.989	-5.000	X10 6 1.985	2448.	67.75	423.7	239.7

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CPI/SI
8	586.00	.00000	1014.8	14.98	.4145	2.235	-3.383	.6606
8	587.00	.00000	86.270	1.273	.3520-01	.4370-01	-5.575	.780-02
8	588.00	.00000	213.51	3.152	.8720-01	.3440	-5.275	.6520-01
8	589.00	.00000	121.73	1.797	.4970-01	.1274	-5.491	.2320-01
8	590.00	.00000	166.82	2.463	.6810-01	.2338	-5.385	.4340-01
8	591.00	.00000	302.81	4.470	.1237	.5547	-5.064	.1096
8	592.00	.00000	584.17	8.623	.2386	1.219	-4.400	.2770
8	593.00	.00000	295.35	4.360	.1206	.5371	-5.081	.1057
8	594.00	.00000	321.82	4.751	.1314	.5996	-5.019	.1195
8	595.00	.00000	206.69	3.051	.8440-01	.3279	-5.291	.6200-01
8	596.00	.00000	103.20	1.523	.4210-01	.8370-01	-5.535	.1510-01
8	597.00	.00000	190.25	2.808	.7770-01	.2891	-5.329	.5420-01
8	598.00	.00000	169.39	2.500	.6920-01	.2399	-5.379	.4460-01
8	599.00	.00000	138.50	2.044	.5660-01	.1670	-5.451	.3060-01
8	600.00	.00000	338.43	4.996	.1382	.6388	-4.980	.1283
8	601.00	.00000	107.85	1.592	.4400-01	.9470-01	-5.524	.1710-01
8	602.00	.00000	140.75	2.078	.5750-01	.1723	-5.446	.3160-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, E.T. ATTACH HDWR

PAGE 1949

(RGIA02)

E.T. ATTACH HDWR

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEC.	RN/FT /FT X10 ⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
5	3.511	5.008	1.812	3479.	44.93	387.6	213.4

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSF A	P ₁ /P	P ₁ /P ₀	CP(1)	CP(SI)	CPI/SI
5	586.00	.00000	792.27	17.63	.2278	1.928	-6.931	-.2782
5	587.00	.00000	79.270	1.764	.2280-01	.8860-01	-8.770	-.1010-01
5	588.00	.00000	99.440	2.213	.2860-01	1.406	-8.719	-.1610-01
5	589.00	.00000	69.790	1.553	.2010-01	.6410-01	-8.795	-.7300-02
5	590.00	.00000	86.900	1.934	.2500-01	1.083	-8.751	-.1240-01
5	591.00	.00000	150.39	3.347	.4320-01	.2721	-8.587	-.3170-01
5	592.00	.00000	245.30	5.460	.7050-01	.5170	-8.342	-.6200-01
5	593.00	.00000	238.47	5.308	.6660-01	.4993	-8.360	-.5970-01
5	594.00	.00000	231.08	5.143	.6640-01	.4803	-8.379	-.5730-01
5	595.00	.00000	111.98	2.492	.3220-01	.1730	-8.686	-.1930-01
5	596.00	.00000	51.940	1.156	.1490-01	.1810-01	-8.841	-.2000-02
5	597.00	.00000	74.930	1.668	.2150-01	.7740-01	-8.782	-.8800-02
5	598.00	.00000	89.070	1.983	.2560-01	.1139	-8.745	-.1300-01
5	599.00	.00000	73.800	1.643	.2120-01	.7450-01	-8.785	-.8500-02
5	600.00	.00000	157.22	3.499	.4520-01	.2897	-8.569	-.3380-01
5	601.00	.00000	74.370	1.655	.2140-01	.7600-01	-8.783	-.8600-02
5	602.00	.00000	89.390	1.990	.2570-01	.1147	-8.744	-.1310-01

DATE 01 OCT 80

IHI1 INTEGRATED VEHICLE PRESSURE DATA

E.T. ATTACH HDWR

IHI1, MODEL 84-OTS, E.T. ATTACH HDWR

PAGE 1950
(RGIA02)

PARAMETRIC DATA

BETA = .00000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁻⁶	P ₀ PSFA	P _S PSFA	Q _{PSF}	T _{DEG R}
5	3.510	.1597-01	1.807	3478.	44.93	387.6	213.8

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P ₁ /P	P ₁ /P ₀	CP(1)	CP(S1)	CPI/S1
5	586.00	.00000	762.04	16.96	.2191	1.850	-7.008	-.2640
5	587.00	.00000	85.660	1.906	.2460-01	.1051	-8.753	-.1200-01
5	588.00	.00000	138.24	3.076	.3970-01	.2407	-8.617	-.2790-01
5	589.00	.00000	41.680	.9276	.1200-01	-.8400-02	-8.866	.9000-03
5	590.00	.00000	128.51	2.860	.3690-01	-.1156	-8.692	-.2500-01
5	591.00	.00000	118.30	2.633	.3400-01	.1893	-8.668	-.2180-01
5	592.00	.00000	262.29	5.837	.7540-01	.5608	-8.297	-.6760-01
5	593.00	.00000	132.21	2.942	.3800-01	.2252	-8.633	-.2610-01
5	594.00	.00000	220.00	4.896	.6330-01	.4517	-8.406	-.5370-01
5	595.00	.00000	78.830	1.754	.2270-01	.8740-01	-8.770	-.1000-01
5	596.00	.00000	85.820	1.910	.2470-01	.1055	-8.752	-.1210-01
5	597.00	.00000	86.460	1.924	.2490-01	.1071	-8.750	-.1220-01
5	598.00	.00000	86.140	1.917	.2480-01	.1063	-8.751	-.1210-01
5	599.00	.00000	119.10	2.651	.3420-01	.1914	-8.666	-.2210-01
5	600.00	.00000	129.48	2.881	.3720-01	.2181	-8.640	-.2520-01
5	601.00	.00000	110.50	2.459	.3180-01	.1692	-8.689	-.1950-01
5	602.00	.00000	103.99	2.314	.2990-01	.1524	-8.705	-.1750-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-01S. E.T. ATTACH HDWR

E.T. ATTACH HDWR

PARAMETRIC DATA

BETA = .0000

•••TEST CONDITIONS•••

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P0 PSFA	P PSFA	Q PSF	TO DEG R
5	3.510	-4.962	1.807	.3478.	.44.94	387.6	213.8

•••TEST DATA•••

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CPI/SI
5	586.00	.00000	832.71	18.53	.2394	2.032	-6.826	-2977
5	587.00	.00000	103.78	2.309	.2980-01	.1518	-8.706	-1740-01
5	588.00	.00000	132.32	2.944	.3800-01	.2254	-8.632	-2610-01
5	589.00	.00000	94.610	2.105	.2720-01	.1281	-8.730	-1470-01
5	590.00	.00000	116.80	2.599	.3360-01	.1854	-8.672	-2140-01
5	591.00	.00000	156.92	3.492	.4510-01	.2889	-8.569	-3370-01
5	592.00	.00000	448.02	9.970	.1288	1.040	-7.818	-1330
5	593.00	.00000	215.93	4.805	.6210-01	.4411	-8.417	-5240-01
5	594.00	.00000	291.90	6.496	.8390-01	.6371	-8.221	-7750-01
5	595.00	.00000	152.66	3.397	.4390-01	.2779	-8.580	-3240-01
5	596.00	.00000	70.970	1.579	.2040-01	.6720-01	-8.791	-7600-02
5	597.00	.00000	149.92	3.336	.4310-01	.2708	-8.587	-3150-01
5	598.00	.00000	157.40	3.503	.4520-01	.2901	-8.568	-3390-01
5	599.00	.00000	88.660	1.973	.2550-01	.1128	-8.745	-1290-01
5	600.00	.00000	256.52	5.709	.7370-01	.5458	-8.312	-6570-01
5	601.00	.00000	88.500	1.969	.2540-01	.1124	-8.745	-1290-01
5	602.00	.00000	110.61	2.461	.3180-01	.1694	-8.688	-1950-01

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OF POOR QUALITY

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
 IH11. MODEL 84-OTS. E.T. ATTACH HDWR

E.T. ATTACH HDWR

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P ₀ PSFA	$\frac{\partial}{\partial S}$ PSF	$\frac{\partial}{\partial S}$ DEG R
1	2.495	-4.988	2.191	1946.	114.8	500.2	285.0

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P ₁ /P	P ₁ /P ₀	C _P (1)	C _P (S1)	C _P (S1)/C _P (1)
1	586.00	00000	1100.9	9.589	.5657	1.971	1.690	-1.167
1	587.00	00000	165.25	1.439	.8490-01	.1008	.560	-2830-01
1	588.00	00000	380.88	3.318	.1957	.5319	-3.129	-1700
1	589.00	00000	163.82	1.427	.8420-01	.9800-01	-3.563	-2750-01
1	590.00	00000	213.16	1.857	.1095	.1966	-3.464	-5680-01
1	591.00	00000	408.06	3.554	.2097	.5862	-3.074	-1907
1	592.00	00000	732.03	6.376	.3762	1.234	-2.427	-5084
1	593.00	00000	754.99	6.576	.3880	.280	-2.381	-5375
1	594.00	00000	726.77	6.330	.3735	.223	-2.437	-5019
1	595.00	00000	325.18	2.835	.1673	.4212	-3.240	-1300
1	596.00	00000	138.55	1.207	.720-01	.4750-01	-3.613	-1310-01
1	597.00	00000	284.90	2.482	.1464	.3400	-3.321	-1024
1	598.00	00000	238.51	2.077	.1226	.2473	-3.414	-7240-01
1	599.00	00000	317.59	2.766	.1632	.4054	-3.255	-1215
1	600.00	00000	576.90	5.025	.2965	.9238	-2.737	-3375
1	601.00	00000	187.09	1.630	.9610-01	.1445	-3.516	-4110-01
1	602.00	00000	303.64	2.645	.1560	.3775	-3.283	-1150

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-OTS. E.T. ATTACH HDWR

E.T. ATTACH HDWR

PAGE 1953
(RG1A03)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT FT	P ₀ PSFA	P ₀ PSFA	Q PSF	T ₀ DEG R
1	2.494	-1193.01	X10.6 2.155	1945.	114.8	500.2	288.4

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P ₁ /P	P ₁ /P ₀	C _P (1)	C _P (S1)	C _P (S1)
586.00	.00000	1140.8	9.934	.58665	2.051	-1.608	-1.276	
587.00	.00000	164.90	1.436	.8480-01	.1001	-3.559	-2810-01	
588.00	.00000	333.74	2.906	.1716	.4376	-3.222	-1.358	
589.00	.00000	148.14	1.290	.7620-01	.6560-01	-3.593	-1850-01	
590.00	.00000	191.63	1.669	.9850-01	.1535	-3.506	-4380-01	
591.00	.00000	407.15	3.545	.2093	.5844	-3.075	-1900	
592.00	.00000	556.52	4.846	.2861	.8830	-2.776	-3181	
593.00	.00000	647.64	5.639	.3329	1.065	-2.594	-4106	
594.00	.00000	695.92	6.060	.3578	1.162	-2.498	-4651	
595.00	.00000	347.14	3.023	.1785	.4644	-3.195	-1454	
596.00	.00000	160.19	1.395	.82x0-01	.9070-01	-3.569	-2540-01	
597.00	.00000	270.14	2.352	.1389	.3105	-3.349	-9270-01	
598.00	.00000	228.01	1.985	.1172	.2263	-3.433	-6590-01	
599.00	.00000	320.65	2.792	.1648	.4115	-3.248	-1267	
600.00	.00000	476.33	4.148	.2449	.7227	-2.937	-2461	
601.00	.00000	197.13	1.716	.1013	.1645	-3.495	-4710-01	
602.00	.00000	265.91	2.315	.1367	.3020	-3.357	-9000-01	

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-OTS, E.T. ATTACH HDWR

E.T. ATTACH HDWR

PAGE 1954
(RGIA03)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P ₀ PSF A	Q ₀ PSF	DEG R
1	2.495	5.028	2.160	1946.	114.9	500.4	287.9

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P ₁ /P	P ₁ /P ₀	CP(1)	CP(SI)	CPI/SI
1	586.00	.00000	888.32	7.733	.4565	1.546	-2.114	-.7313
1	587.00	.00000	144.13	1.255	.7410-01	.5850-01	-3.601	-.1620-01
1	588.00	.00000	292.18	2.544	.1501	.3544	-3.305	-.1072
1	589.00	.00000	196.83	1.713	.1011	.1638	-3.496	-.4690-01
1	590.00	.00000	204.08	1.777	.1049	.1783	-3.481	-.5120-01
1	591.00	.00000	388.02	3.378	.1934	.5459	-3.114	-.1763
1	592.00	.00000	509.92	4.439	.2620	.7895	-2.870	-.2751
1	593.00	.00000	623.78	5.430	.3206	1.017	-2.643	-.3849
1	594.00	.00000	622.26	5.417	.3198	1.014	-2.646	-.3833
1	595.00	.00000	355.01	3.090	.1824	.4799	-3.180	-.1509
1	596.00	.00000	190.77	1.661	.9800-01	.1517	-3.508	-.4320-01
1	597.00	.00000	247.93	2.158	.1274	.2659	-3.394	-.7840-01
1	598.00	.00000	215.48	1.876	.1107	.2011	-3.468	-.5810-01
1	599.00	.00000	367.85	3.202	.1890	.5056	-3.154	-.1603
1	600.00	.00000	422.94	3.682	.2173	.6157	-3.044	-.2023
1	601.00	.00000	176.26	1.534	.9060-01	.1227	-3.537	-.3470-01
1	602.00	.00000	210.14	1.829	.1080	.1904	-3.469	-.5490-01

DATE 01 OCT 80

E.T. ATTACH HDHR

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-OTS. E.T. ATTACH HDHR

PAGE 1955
(RGIA03)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P ₀ PSFA	P PSFA	Q PSF	T ₀ DEG R
7	2.990	-4.961	2.024	2451.	67.74	423.9	236.4

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(I) PSFA	P/I/P	P ₁ /P ₀	CP(I)	CP(SI)	CPI/SI
7	586.00	.00000	853.77	12.60	.3483	1.854	-3.768	-.4921
7	587.00	.00000	117.95	1.741	.4810-01	1.184	-5.504	-.2150-01
7	588.00	.00000	258.14	3.811	.1053	.4491	-5.173	-.8680-01
7	589.00	.00000	100.76	1.487	.4110-01	.7790-01	-5.544	-.1400-01
7	590.00	.00000	128.39	1.895	.5210-01	1.431	-5.479	-.2610-01
7	591.00	.00000	315.18	4.653	.1286	.5837	-5.039	-.1158
7	592.00	.00000	568.89	8.398	.2321	1.182	-4.440	-.2662
7	593.00	.00000	414.56	6.120	.1691	.8181	-4.804	-.1703
7	594.00	.00000	439.95	6.495	.1795	.8780	-4.744	-.1851
7	595.00	.00000	194.67	2.874	.7940-01	.2994	-5.323	-.5630-01
7	596.00	.00000	143.82	2.123	.5870-01	.1795	-5.443	-.3300-01
7	597.00	.00000	200.94	2.966	.8200-01	.3142	-5.308	-.5920-01
7	598.00	.00000	167.28	2.469	.6820-01	.2348	-5.388	-.4360-01
7	599.00	.00000	266.90	3.940	.1089	.4698	-5.153	-.9120-01
7	600.00	.00000	333.90	4.929	.1362	.6278	-4.995	-.1257
7	601.00	.00000	153.54	2.267	.6260-01	.2024	-5.420	-.3730-01
7	602.00	.00000	196.92	2.907	.8030-01	.3047	-5.318	-.5730-01

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IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-OTS, E.T. ATTACH HDWR

E.T. ATTACH HDWR

PAGE 1956
(RG1A03)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	PO PSFA	P PSFA	Q PSF	TO DEG R
7	2.990	-.3186-01	2.017	2453.	67.80	424.2	237.1

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(I) PSFA	P(I)/P	P(I)/PU	CP(I)	CP(SI)	CP(I/SI)
7	586.00	.00000	783.45	1.56	.3194	1.687	-3.935	-4.287
7	587.00	.00000	114.73	1.692	.4680-01	1.106	-5.511	-.2010-01
7	588.00	.00000	235.60	3.475	.9610-01	.3955	-5.226	-.7570-01
7	589.00	.00000	91.420	1.348	.3730-01	.5570-01	-5.566	-.1000-01
7	590.00	.00000	101.47	1.497	.4140-01	.340-01	-5.542	-.1430-01
7	591.00	.00000	291.85	4.305	.1190	.5281	-5.094	-.1037
7	592.00	.00000	594.51	8.769	.2424	1.242	-4.380	-.2834
7	593.00	.00000	338.54	4.993	.1380	.6782	-4.984	-.1281
7	594.00	.00000	294.02	4.337	.1199	.5333	-5.089	-.1048
7	595.00	.00000	167.05	2.464	.6810-01	.2339	-5.388	-.4340-01
7	596.00	.00000	145.19	2.141	.5920-01	.1824	-5.439	-.3350-01
7	597.00	.00000	165.52	2.441	.6750-01	.2303	-5.391	-.4270-01
7	598.00	.00000	152.02	2.242	.6200-01	.1985	-5.423	-.3660-01
7	599.00	.00000	263.40	3.885	.1074	.4611	-5.161	-.8930-01
7	600.00	.00000	361.37	5.330	.1473	.6920	-4.930	-.1404
7	601.00	.00000	117.38	1.731	.4790-01	.1169	-5.505	-.2120-01
7	602.00	.00000	177.25	2.614	.7230-01	.2580	-5.364	-.4810-01

ORIGINAL
OF POGO

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-01S, E.T. ATTACH HDWR

E.T. ATTACH HDWR

PAGE 1957
(RGIA03)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P ₀ PSFA	Q PSF	TO DEG R
7	2.989	4.993	1.997	2452.	67.81	424.2	238.9

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P ₁ /P	P ₁ /P ₀	CP(1)	CP(SI)	CPI/SI
7	586.00	.00000	691.83	10.20	.2822	1.471	-4.149	-.3546
7	587.00	.00000	122.39	1.805	.4990-01	1.287	-5.491	-.2340-01
7	588.00	.00000	244.19	3.601	.9960-01	4.158	-5.204	-.7990-01
7	589.00	.00000	100.12	1.476	.4080-01	.7620-01	-5.544	-.1370-01
7	590.00	.00000	108.64	1.602	.4430-01	.5630-01	-5.524	-.1740-01
7	591.00	.00000	267.58	3.946	.1091	.4709	-5.149	-.9150-01
7	592.00	.00000	579.76	8.550	.2365	1.207	-4.4.3	-.2735
7	593.00	.00000	331.34	4.886	.1361	.6212	-4.998	-.1243
7	594.00	.00000	391.39	5.772	.1596	.7628	-4.857	-.1571
7	595.00	.00000	175.29	2.585	.7150-01	.2534	-5.366	-.4720-01
7	596.00	.00000	117.80	1.737	.4800-01	1.179	-5.502	-.2140-01
7	597.00	.00000	186.22	2.746	.7600-01	.2791	-5.341	-.5230-01
7	598.00	.00000	161.38	2.380	.6580-01	.2206	-5.399	-.4090-01
7	599.00	.00000	244.51	3.606	.9970-01	.4165	-5.203	-.8010-01
7	600.00	.00000	318.15	4.692	.1298	.5902	-5.030	-.1173
7	601.00	.00000	145.22	2.142	.5920-01	.1825	-5.437	-.3360-01
7	602.00	.00000	183.49	2.706	.7480-01	.2727	-5.347	-.5100-01

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IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL BH-OTS, E.T. ATTACH HDWR

E.T. ATTACH HDWR

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL BH-OTS, E.T. ATTACH HDWR

E.T. ATTACH HDWR

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P _s PSFA	Q PSF	T ₀ DEG R
7	2.989	4.984	1.997	2452.	67.83	424.3	238.9

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(SI)	CP(SI)
7	586.00	.00000	691.78	10.20	.2821	1.471	-4.149	-.3544
7	587.00	.00000	118.57	1.748	.4830-01	.1196	-5.500	-.2170-01
7	588.00	.00000	243.19	3.585	.9920-01	.4133	-5.206	-.7940-01
7	589.00	.00000	100.57	1.493	.4100-01	.7720-01	-5.543	-.1390-01
7	590.00	.00000	109.09	1.608	.4450-01	.5720-01	-5.522	-.1760-01
7	591.00	.00000	266.81	3.934	.1088	.4689	-5.151	-.9100-01
7	592.00	.00000	576.24	8.495	.2350	1.198	-4.422	-.2710
7	593.00	.00000	333.58	4.918	.1360	.6263	-4.993	-.1254
7	594.00	.00000	388.22	5.724	.1583	.7551	-4.865	-.1552
7	595.00	.00000	174.57	2.574	.7120-01	.2516	-5.368	-.4690-01
7	596.00	.00000	118.65	1.749	.4840-01	.1198	-5.500	-.2180-01
7	597.00	.00000	187.19	2.760	.7630-01	.2813	-5.338	-.5270-01
7	598.00	.00000	161.47	2.381	.6580-01	.2207	-5.399	-.4090-01
7	599.00	.00000	245.36	3.617	.1000+00	.4184	-5.201	-.8040-01
7	600.00	.00000	318.56	4.697	.1299	.5909	-5.029	-.1175
7	601.00	.00000	145.73	2.148	.5940-01	.1836	-5.436	-.3360-01
7	602.00	.00000	184.69	2.723	.7530-01	.2754	-5.344	-.5150-01

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IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-OTS. E.T. ATTACH HDWR

E.T. ATTACH HDWR

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PARAMETRIC DATA

BETA = 5,000

*** TEST CONDITIONS ***						
RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P ₀ PSFA	Q PSF TO DEG R
4	3.511	-4.970	1.813	3478.	44.91	387.5 213.2
*** TEST DATA ***						
RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/P0	CP(1)
4	586.00	.00000	758.62	16.89	.2181	1.842 -7.017
4	587.00	.00000	111.18	2.476	.3200-01	.1710 -8.688
4	588.00	.00000	200.18	4.457	.5760-01	.4007 -8.459
4	589.00	.00000	80.090	1.783	.2300-01	.9080-01 -8.769
4	590.00	.00000	90.700	2.019	.2610-01	.1182 -8.741
4	591.00	.00000	213.76	4.760	.6150-01	.4358 -8.424
4	592.00	.00000	384.54	8.562	.1106	.8765 -7.983
4	593.00	.00000	471.93	10.51	.1357	.1102 -7.757
4	594.00	.00000	332.40	7.401	.9560-01	.7420 -8.117
4	595.00	.00000	163.39	3.638	.4700-01	.3058 -8.554
4	596.00	.00000	105.88	2.357	.3040-01	.1574 -8.702
4	597.00	.00000	185.00	4.119	.5320-01	.3616 -8.498
4	598.00	.00000	151.67	3.377	.4360-01	.2755 -8.584
4	599.00	.00000	193.60	4.311	.5570-01	.3837 -8.476
4	600.00	.00000	252.72	5.627	.7270-01	.5363 -8.323
4	601.00	.00000	109.17	2.431	.3140-01	.1659 -8.694
4	602.00	.00000	137.53	3.062	.3950-01	.2390 -8.620
						-.2770-01

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IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-OTS. E.T. ATTACH HDWR

E.T. ATTACH HDWR

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PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	PO PSFA	P PSFA	Q PSF	T0 DEG R
4	3.511	.1970-02	1.808	3479.	44.94	387.7	213.7

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(I) PSFA	P(I/P)	PI/PO	CP(I)	CP(SI)	CP1/SI
586.00	.00000	735.10	16.36	.2113	1.780	-7.078	-.2515	
587.00	.00000	87.860	1.955	.2530-01	.1107	-8.747	-.1270-01	
588.00	.00000	159.21	3.543	.4580-01	.2948	-8.563	-.3440-01	
589.00	.00000	66.090	1.471	.1900-01	.5460-01	-8.804	-.6200-02	
590.00	.00000	66.090	1.471	.1900-01	.5460-01	-8.804	-.6200-02	
591.00	.00000	150.86	3.357	.4340-01	.2732	-8.585	-.3180-01	
592.00	.00000	352.46	7.843	.1013	.7933	-8.065	-.9840-01	
593.00	.00000	386.69	8.605	.1112	.8816	-7.977	-.1105	
594.00	.00000	271.63	6.044	.7810-01	.5848	-8.273	-.7070-01	
595.00	.00000	156.08	3.473	.4490-01	.2867	-8.571	-.3340-01	
596.00	.00000	71.470	1.590	.2050-01	.6840-01	-8.790	-.7800-02	
597.00	.00000	134.87	3.001	.3880-01	.2320	-8.626	-.2690-01	
598.00	.00000	137.36	3.056	.3950-01	.2384	-8.620	-.2770-01	
599.00	.00000	122.33	2.722	.3520-01	.1996	-8.658	-.2310-01	
600.00	.00000	198.02	4.406	.5690-01	.3949	-8.463	-.4670-01	
601.00	.00000	82.960	1.846	.2380-01	.9810-01	-8.760	-.1120-01	
602.00	.00000	107.71	2.397	.3100-01	.1619	-8.696	-.1860-01	

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IHII INTEGRATED VEHICLE PRESSURE DATA

E.T. ATTACH HDWR

IHII. MODEL 84-OTS. E.T. ATTACH HDWR

(RGIA03)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P0	P	Q	PSF	T0 DEG R
4	3.510	5.002	1.807	3478.	44.93	387.6	213.7	

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(SI)	CPI/SI
586.00	.00000	535.79	11.92	1540	1.266	-7.591	-1.1668	
587.00	.00000	102.52	2.282	2950-01	1.486	-8.709	-1.1710-01	
588.00	.00000	138.51	3.083	3980-01	.2414	-8.617	-2800-01	
589.00	.00000	68.230	1.519	1960-01	.6010-01	-8.798	-6800-02	
590.00	.00000	77.380	1.722	2220-01	.3770-01	-8.774	-9500-02	
591.00	.00000	127.02	2.827	3650-01	.2118	-8.646	-2450-01	
592.00	.00000	287.35	6.395	8260-01	.6254	-8.232	-7600-01	
593.00	.00000	216.74	4.824	6230-01	.4433	-8.415	-5270-01	
594.00	.00000	223.97	4.985	6440-01	.4619	-8.396	-5500-01	
595.00	.00000	122.12	2.718	3510-01	.1992	-8.659	-2300-01	
596.00	.00000	91.520	2.037	2630-01	.1202	-8.738	-1380-01	
597.00	.00000	123.49	2.748	3550-01	.2027	-8.655	-2340-01	
598.00	.00000	117.55	2.616	3380-01	.1873	-8.671	-2160-01	
599.00	.00000	172.49	3.839	4960-01	.3291	-8.529	-3860-01	
600.00	.00000	180.28	4.012	5180-01	.3492	-8.509	-4100-01	
601.00	.00000	95.380	2.123	2740-01	.1301	-8.728	-1490-01	
602.00	.00000	110.72	2.464	3180-01	.1697	-8.688	-1950-01	

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DATE 01 OCT 80

IHI1 INTEGRATED VEHICLE PRESSURE DATA

IHI1. MODEL 84-OTS. E.T. ATTACH HDWR

E.T. ATTACH HDWR

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(RGIA04)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/F _T X10 ⁶	P _O PSFA	P _{SF} PSFA	Q DEG R
10	2.495	4.998	2.162	1949.	115.0	501.1
						288.0

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P _I /P	P _I /P _O	CP(1)	CP(SI)	CP(SI)
10	586.00	.00000	1043.0	9.067	.5352	1.852	-1.808	-.1.024
10	587.00	.00000	62.40	.5402	.3190-01	.1056	-3.765	.2800-01
10	588.00	.00000	438.68	3.813	.2251	.6459	-3.014	-.2143
10	589.00	.00000	137.24	1.193	.7040-01	.4430-01	-3.615	-.1230-01
10	590.00	.00000	365.18	3.175	.1874	.4392	-3.160	-.1580
10	591.00	.00000	470.16	4.087	.2413	.7087	-2.951	-.2402
10	592.00	.00000	971.51	8.445	.4985	1.709	-1.950	-.8764
10	593.00	.00000	586.06	5.095	.3007	.9401	-2.720	-.3457
10	594.00	.00000	597.55	5.195	.3056	.9630	-2.697	-.3571
10	595.00	.00000	271.94	2.364	.1395	.3131	-3.347	-.9360-01
10	596.00	.00000	285.51	2.482	.1465	.3402	-3.319	-.1025
10	597.00	.00000	312.50	2.717	.1604	.3941	-3.266	-.1207
10	598.00	.00000	290.01	2.521	.1488	.3492	-3.310	-.1055
10	599.00	.00000	413.13	3.591	.2120	.5949	-3.065	-.1941
10	600.00	.00000	668.47	5.811	.3430	1.104	-2.555	-.4323
10	601.00	.00000	226.03	2.226	.1314	.2814	-3.378	-.8330-01
10	602.00	.00000	281.89	2.451	.1447	.3330	-3.327	-.1001

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IHI1 INTEGRATED VEHICLE PRESSURE DATA

IHI1, MODEL 84-OTS, E.T. ATTACH HDWR

E.T. ATTACH HDWR

PAGE 1963
(RGIA04)

PARAMETRIC DATA

BETA = -5.000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P ₀ PSFA	P ₀ PSFA	⁰ PSF	⁰ DEG R
10	2.495	.1995-01	2.168	1950.	115.1	501.2	287.6

TEST CONDITIONS

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P ₁ /P	P ₁ /P ₀	CP(1)	CP(S1)	CPI/S1
10	586.00	00000	1158.3	10.07	.5941	2.081	-1.579	-1.318
10	587.00	00000	66.400	.5771	.3410-01	.9710-01	-3.757	.2580-01
10	588.00	00000	427.23	3.713	.2191	.6228	-3.037	-.2051
10	589.00	00000	143.41	1.246	.7360-01	.5650-01	-3.603	-.1570-01
10	590.00	00000	329.33	2.862	.1689	.4274	-3.232	-.1322
10	591.00	00000	354.01	3.076	.1816	.4767	-3.183	-.1497
10	592.00	00000	974.47	8.468	.4998	1.714	-1.945	-.8813
10	593.00	00000	608.89	5.291	.3123	.9852	-2.675	.3683
10	594.00	00000	603.99	5.249	.3098	.9754	-2.684	-.3634
10	595.00	00000	241.23	2.096	.1237	.2517	-3.408	-.7380-01
10	596.00	00000	352.72	3.065	.1809	.4741	-3.186	-.1488
10	597.00	00000	322.82	2.805	.1656	.4145	-3.245	-.1277
10	598.00	00000	295.41	2.567	.1515	.3598	-3.300	-.1090
10	599.00	00000	445.08	3.868	.2283	.6584	-3.002	-.2193
10	600.00	00000	717.73	6.237	.3681	1.202	-2.458	-.4892
10	601.00	00000	267.27	2.323	.1371	.3036	-3.356	-.9050-01
10	602.00	00000	298.70	2.596	.1532	.3663	-3.294	-.1112

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IHII INTEGRATED VEHICLE PRESSURE DATA
 IHII. MODEL 84-OTS. E.T. ATTACH HDWR

E. T. ATTACH HDWR

PAGE 1964
 (RGIA04)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT 'FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
10	2.495	-4.990	X10 6 2.166	1948.	115.0	501.0	287.7

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(SI)	CP(SI)
10	586.00	.00000	1146.4	9.969	.5984	2.059	-1.601	-1.286
10	587.00	.00000	82.630	.7185	.4540-01	-6.660-01	-3.724	.1740-01
10	588.00	.00000	460.79	4.007	.2365	.6902	-2.970	-.2324
10	589.00	.00000	135.88	1.182	.6970-01	.4170-01	3.618	-.1150-01
10	590.00	.00000	331.34	2.881	.1791	.4318	-3.228	-.1378
10	591.00	.00000	376.47	3.273	.1932	.5219	-3.138	-.1663
10	592.00	.00000	1025.1	8.913	.5261	.817	-1.843	.9857
10	593.00	.00000	638.02	5.548	.3275	.044	-2.616	-.3991
10	594.00	.00000	650.71	5.658	.3340	.069	-2.590	-.4128
10	595.00	.00000	266.29	2.315	.1367	.3020	-3.358	-.8990-01
10	596.00	.00000	366.27	3.185	.1890	.5016	-3.158	-.1588
10	597.00	.00000	384.26	3.341	.1972	.5375	-3.122	-.1721
10	598.00	.00000	321.38	2.794	.1649	.4120	-3.248	-.1263
10	599.00	.00000	476.61	4.144	.2446	.7218	-2.938	-.2457
10	600.00	.00000	708.53	6.161	.3636	.1185	-2.475	-.4787
10	601.00	.00000	301.38	2.621	.1547	.3720	-3.288	-.1132
10	602.00	.00000	322.34	2.803	.1654	.4139	-3.246	-.1275

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IHII INTEGRATED VEHICLE PRESSURE DATA
 IHII. MODEL 84-OTS. E.T. ATTACH HWR
 E.T. ATTACH HWR

PAGE 1965
 (RGIA05)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	PO PSFA	P PSFA	Q PSF	TO DEG R
11	2.495	-5.014	2.163	1.948	1.15.0	501.0	287.9

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CP1/SI
11	586.00	.00000	1180.5	10.26	.6059	2.127	-1.533	-1.388
11	587.00	.00000	98.630	.8576	.5060-01	-.3270-01	-3.692	.8900-02
11	588.00	.00000	485.76	4.224	.2493	.7401	-2.920	.2535
11	589.00	.00000	139.05	1.209	.7140-01	.4800-01	-3.612	.1330-01
11	590.00	.00000	314.42	2.734	.1614	.3980	-3.262	.1220
11	591.00	.00000	388.11	3.375	.1932	.5451	-3.114	.1750
11	592.00	.00000	583.57	5.074	.2995	.9353	-2.724	.3433
11	593.00	.00000	525.78	4.572	.2699	.89200	-2.840	.2887
11	594.00	.00000	574.00	4.991	.2946	.9162	-2.743	.3340
11	595.00	.00000	228.02	1.983	.1170	.2256	-3.434	.6570-01
11	596.00	.00000	207.93	1.808	.1067	.1855	-3.474	.5340-01
11	597.00	.00000	351.22	3.054	.1803	.4715	-3.188	.1479
11	598.00	.00000	267.08	2.322	.1371	.3035	-3.356	.9040-01
11	599.00	.00000	316.99	2.756	.1627	.4032	-3.257	.1238
11	600.00	.00000	372.76	3.241	.1913	.5145	-3.145	.1636
11	601.00	.00000	306.38	2.664	.1572	.3820	-3.278	.1165
11	602.00	.00000	273.03	2.374	.1401	.3154	-3.344	.9430-01

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IH1 INTEGRATED VEHICLE PRESSURE DATA

IH1. MODEL 84-OTS. E.T. ATTACH HDWR

E.T. ATTACH HDWR

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(RGIA05)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	0 PSF	TO DEG R
11	2.495	.1198-01	X10 ⁶ 2.166	1948.	115.0	500.8	287.5

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P1/P PSFA	P1/PO	CP(1)	CP(SI)	CP1/SI
11	586.00	.00000	1104.4	9.607	.5670	1.976	-1.684
11	587.00	.00000	116.68	1.015	.5990-01	.3400-02	-3.656
11	588.00	.00000	398.38	3.465	.2045	.5660	-.9000-03
11	589.00	.00000	149.42	1.300	.7670-01	.6880-01	.1829
11	590.00	.00000	330.24	2.873	.1696	.4299	-.1920-01
11	591.00	.00000	339.87	2.956	.1745	.4491	-.1331
11	592.00	.00000	475.59	4.137	.2442	.7201	-.2.940
11	593.00	.00000	484.90	4.218	.2490	.7387	-.2.921
11	594.00	.00000	486.67	4.233	.2499	.7422	-.2.917
11	595.00	.00000	226.31	1.969	.1162	.2223	-.2544
11	596.00	.00000	151.03	1.314	.7750-01	.7200-01	-.6470-01
11	597.00	.00000	264.99	2.305	.1361	.2996	-.2010-01
11	598.00	.00000	221.33	1.925	.1136	.2124	-.3.360
11	599.00	.00000	248.39	2.160	.1275	.2664	-.8920-01
11	600.00	.00000	340.92	2.965	.1750	.4512	-.6160-01
11	601.00	.00000	254.32	2.212	.1306	.2783	-.7850-01
11	602.00	.00000	240.43	2.091	.1234	.2506	-.1406

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IH11 INTEGRATED VEHICLE PRESSURE DATA
 IH11, MODEL 84-OTS, E.T. ATTACH HDWR

E.T. ATTACH HDWR

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 (RGIA05)

PARAMETRIC DATA

BETA = .0000

RUN NUMBER	MACH	ALPHA DEG.	TEST CONDITIONS		
			RN/FT /FT	P0 PSFA	P PSFA
11 2.495	4.990	2.165	X10 6	1949.	115.0

TEST DATA***

RUN NUMBER	TAP NO	DUMMY	P(I) PSFA	P(I/P)	P(I/PO)	CPI(I)	CPI(SI)	CPI/SI
			1082.8	9.413	.5556	1.932	-1.728	-1.118
11 586.00	.00000	.00000	97.910	.8511	.5020-01	-3420-01	-3.694	.9300-02
11 587.00	.00000	.00000	448.95	3.903	.2304	.6664	-2.993	.2226
11 588.00	.00000	.00000	169.03	1.470	.8670-01	.1078	-3.552	.3030-01
11 589.00	.00000	.00000	354.60	3.083	.1820	.4781	-3.182	.1503
11 590.00	.00000	.00000	297.78	2.589	.1528	.3647	-3.295	.1107
11 591.00	.00000	.00000	429.02	3.730	.2202	.6267	-3.033	.2066
11 592.00	.00000	.00000	388.03	3.373	.1991	.5449	-3.115	.1749
11 593.00	.00000	.00000	396.87	3.450	.2037	.5625	-3.097	.1816
11 594.00	.00000	.00000	219.98	1.912	.1129	.2095	-3.450	.6070-01
11 595.00	.00000	.00000	155.69	1.353	.7990-01	.8120-01	-3.579	.2270-01
11 596.00	.00000	.00000	216.37	1.881	.1110	.2023	-3.458	.5850-01
11 597.00	.00000	.00000	195.47	1.699	.1003	.1605	-3.499	.4590-01
11 598.00	.00000	.00000	230.35	2.003	.1182	.2302	-3.430	.6710-01
11 599.00	.00000	.00000	329.12	2.861	.1689	.4273	-3.232	.1322
11 600.00	.00000	.00000	246.02	2.139	.1262	.2614	-3.398	.7690-01
11 601.00	.00000	.00000	233.40	2.029	.1198	.2363	-3.424	.6900-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

E.T. ATTACH HDWR

IH11. MODEL 84-OTS, E.T. ATTACH HDWR

PAGE 1968
(RG1A06)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
12	2.495	5.022	$\times 10^{-6}$ 2.166	1948.	115.0	501.0	287.7

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(I) PSFA	P(I)/P	P(I)/PO	CP(I)	CP(SI)	CPI/SI
12	586.00	.00000	881.20	7.662	.4523	1.529	-2.130	-.7179
12	587.00	.00000	144.70	1.258	.7430-01	.5930-01	-3.600	-.1650-01
12	588.00	.00000	288.39	2.508	.1480	.3461	-3.314	-.1044
12	589.00	.00000	197.47	1.717	.1013	.1646	-3.495	-.4710-01
12	590.00	.00000	201.57	1.753	.1035	.1728	-3.487	-.4960-01
12	591.00	.00000	391.43	3.404	.2009	.5518	-3.108	-.1775
12	592.00	.00000	503.07	4.374	.2582	.7746	-2.885	-.2685
12	593.00	.00000	607.56	5.283	.3118	.9832	-2.676	-.3674
12	594.00	.00000	649.32	5.646	.3333	1.067	-2.593	-.4113
12	595.00	.00000	353.60	3.075	.1815	.4763	-3.183	-.1496
12	596.00	.00000	186.15	1.619	.9950-01	.1420	-3.518	-.4040-01
12	597.00	.00000	248.07	2.157	.1273	.2656	-3.394	-.7830-01
12	598.00	.00000	217.23	1.889	.1115	.2041	-3.456	-.5900-01
12	599.00	.00000	367.82	3.198	.1888	.5047	-3.155	-.1600
12	600.00	.00000	425.09	3.696	.2182	.6190	-3.041	-.2036
12	601.00	.00000	176.19	1.532	.9040-01	.1221	-3.538	-.3450-01
12	602.00	.00000	208.71	1.815	.1071	.1871	-3.473	-.5390-01

DATE 01 OCT 80

IHII. INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-OTS. E.T. ATTACH HDWR

E.T. ATTACH HDWR

PARAMETRIC DATA

BETA = 5.000

RUN NUMBER	MACH	ALPHA DEG.	***TEST CONDITIONS***		
			RN/FT /FT X10 ⁶	P ₀ PSFA	P PSFA
12	2.495	.3590-01	2.163	1947.	114.9

RUN NUMBER	TAP NO	DUMMY	***TEST DATA***			
			P(1) PSFA	P ₁ /P ₀	CP(1)	CP(SI)
12	586.00	.00000	1152.8	10.03	.5920	2.073
12	587.00	.00000	163.58	1.423	.8400-01	.9710-01
12	588.00	.00000	329.00	2.862	.1690	.4275
12	589.00	.00000	149.04	1.297	.7650-01	.6810-01
12	590.00	.00000	189.53	1.649	.9730-01	.1490
12	591.00	.00000	405.96	3.532	.2085	.5813
12	592.00	.00000	558.85	4.862	.2870	.8866
12	593.00	.00000	649.39	5.650	.3335	1.067
12	594.00	.00000	687.15	5.978	.3529	1.143
12	595.00	.00000	349.73	3.043	.1796	.4689
12	596.00	.00000	159.24	1.385	.8180-01	.8850-01
12	597.00	.00000	267.62	2.328	.1374	.3049
12	598.00	.00000	229.30	1.995	.1178	.2284
12	599.00	.00000	320.00	2.784	.1643	.4096
12	600.00	.00000	477.38	4.153	.2452	.7239
12	601.00	.00000	199.17	1.733	.1023	.1682
12	602.00	.00000	265.29	2.308	.1362	.3003

PAGE 1969
(RGIA06)

DATE 01 OCT 80

E.T. ATTACH HDWR

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-OTS. E.T. ATTACH HDWR

PAGE 1970
(RG1A06)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	PO PSFA	P PSFA	Q PSF	TO DEG R
12	2.495	-4.990	2.164	1947.	114.9	500.7	287.7

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CPI/SI
12	586.00	.00000	1117.8	9.725	.5741	2.003	-1.657	-1.209
12	587.00	.00000	163.41	1.422	.8390-01	.9680-01	-3.563	-.2720-01
12	588.00	.00000	378.13	3.29	.1942	.5257	-3.134	-.1677
12	589.00	.00000	163.08	1.419	.8380-01	.9620-01	-3.563	-.2700-01
12	590.00	.00000	211.33	1.839	.1085	.1925	-3.467	-.5550-01
12	591.00	.00000	403.34	3.509	.2071	.5760	-3.084	-.1868
12	592.00	.00000	716.55	6.234	.3680	1.202	-2.458	-.4888
12	593.00	.00000	763.51	6.643	.3921	1.295	-2.364	-.5479
12	594.00	.00000	741.76	6.453	.3809	1.252	-2.408	-.5200
12	595.00	.00000	330.29	2.873	.1696	.4301	-3.229	-.1332
12	596.00	.00000	140.21	1.220	.7200-01	.5050-01	-3.609	-.1400-01
12	597.00	.00000	288.55	2.510	1.482	.3467	-3.313	-.1047
12	598.00	.00000	240.31	2.091	.1234	.2504	-3.409	-.7340-01
12	599.00	.00000	320.58	2.789	.1646	.4107	-3.249	-.1264
12	600.00	.00000	673.51	4.990	.2945	.9159	-2.744	-.3338
12	601.00	.00000	188.45	1.640	.9680-01	.1468	-3.513	-.4180-01
12	602.00	.00000	303.32	2.639	.1538	.3762	-3.283	-.1146

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DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
 IHII. MODEL 84-0T, E.T. ATTACH HDWR
 E.T. ATTACH HDWR

PAGE 1971
 (RGIA07)

PARAMETRIC DATA

BETA = -5.000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P ₀ PSF	DEG R
21	2.495	-4.975	2.159	1948.	115.0	500.9
						288.3

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P ₁ /P ₀	P ₁ /P ₀	CP(1)	CP(SI)	CPI/SI	
21	586.00	.00000	1119.9	9.738	.5749	2.006	-1.653	-1.213
21	587.00	.00000	72.920	.6341	.3740-01	-.8400-01	-3.743	.2240-01
21	588.00	.00000	402.35	3.499	.2065	.5737	-3.086	-.1859
21	589.00	.00000	70.750	.6152	.3630-01	-.8830-01	-3.748	.2360-01
21	590.00	.00000	347.57	3.022	.1784	.4643	-3.195	-.1453
21	591.00	.00000	238.80	2.076	.1226	.2471	-3.412	-.7240-01
21	592.00	.00000	806.73	7.015	.4141	1.381	-2.279	-.6061
21	593.00	.00000	382.43	3.325	.1963	.5339	-3.126	-.1709
21	594.00	.00000	426.85	3.712	.2191	.6226	-3.037	-.2050
21	595.00	.00000	210.61	1.831	.1081	.1909	-3.469	-.5500-01
21	596.00	.00000	311.74	2.711	.1600	.3928	-3.267	-.1202
21	597.00	.00000	280.89	2.442	.1442	.3312	-3.328	-.9950-01
21	598.00	.00000	269.09	2.340	.1381	.3076	-3.352	-.9180-01
21	599.00	.00000	495.05	4.305	.2541	.7587	-2.901	-.2616
21	600.00	.00000	363.79	3.163	.1867	.4967	-3.163	-.1570
21	601.00	.00000	330.94	2.878	.1699	.4311	-3.228	-.1335
21	602.00	.00000	262.82	2.285	.1349	.2951	-3.364	-.8770-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-0T. E.T. ATTACH HDWR

E.T. ATTACH HDWR

PAGE 1972
(RGIA07)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF _A	P PSF _A	Q PSF	T ₀ DEG R
21	2.495	.9998-02	2.160	1948.	115.0	500.9	288.2

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P ₁ PSF _A	P ₁ /P	P ₁ /P ₀	CP(1)	CP(SI)	CPI/SI
21	586.00	.00000	977.09	8.497	.5016	1.721	-1.938	-.8879
21	587.00	.00000	57.450	4996	.2950-01	-1.149	-3.774	.3040-01
21	588.00	.00000	452.25	3.933	.2322	.6733	-2.986	-.2255
21	589.00	.00000	94.740	.8239	.4860-01	-4.040-01	-3.700	1.090-01
21	590.00	.00000	330.56	2.875	.1697	.4304	-3.229	-.1333
21	591.00	.00000	245.44	2.134	.1260	.2604	-3.399	-.7660-01
21	592.00	.00000	835.71	7.267	.4290	.1439	-2.221	.6490
21	593.00	.00000	499.51	4.344	.2564	.7677	-2.892	-.2655
21	594.00	.00000	476.68	4.145	.2447	.7221	-2.937	-.2458
21	595.00	.00000	226.56	1.970	.1163	.2227	-3.437	.6480-01
21	596.00	.00000	358.37	3.116	.1840	.4859	-3.174	-.1531
21	597.00	.00000	289.41	2.517	.1486	.3482	-3.311	-.1052
21	598.00	.00000	273.33	2.377	.1403	.3161	-3.343	-.9450-01
21	599.00	.00000	461.41	4.012	.2369	.6916	-2.968	-.2330
21	600.00	.00000	545.48	4.743	.2800	.8594	-2.800	-.3069
21	601.00	.00000	345.35	3.003	.1773	.4599	-3.200	-.1437
21	602.00	.00000	282.34	2.455	.1449	.3341	-3.325	-.1005

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII, MODEL 84-0T. E.T. ATTACH HDWR

E.T. ATTACH HDWR

PAGE 1973
(RGIA07)

PARAMETRIC DATA

BETA = -5.000

*** TEST CONDITIONS ***

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P ₀ PSF A	^Q PSF	^{T₀} DEG R
21	2.495	4.971	2.162	1949.	115.0	501.1	288.0

*** TEST DATA ***

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P ₁ /P ₀	CP(I)	CP(SI)	CP1/SI
21	586.00	.00000	854.09	7.425	.4387	1.475	-2.185
21	587.00	.00000	471.60	.4100	.2420-01	.1355	-.6752
21	588.00	.00000	531.08	.4617	.2725	.8303	-.3570-01
21	589.00	.00000	121.06	1.052	.6210-01	.1200-01	-.2535
21	590.00	.00000	313.16	2.722	.1607	.3954	-.2.829
21	591.00	.00000	309.06	2.687	.1586	.3872	-.3.3000-02
21	592.00	.00000	840.82	7.309	.4315	1.449	-.1211
21	593.00	.00000	672.28	5.844	.3460	1.112	-.1183
21	594.00	.00000	570.88	4.963	.2930	.9098	-.4.366
21	595.00	.00000	281.72	2.449	.1446	.3327	-.4.366
21	596.00	.00000	427.51	3.716	.2151	.6236	-.1000+00
21	597.00	.00000	348.30	3.028	.1787	.4655	-.3.036
21	598.00	.00000	318.15	2.766	.1633	.4054	-.2054
21	599.00	.00000	498.43	4.333	.2558	.7652	-.1458
21	600.00	.00000	732.59	6.368	.3759	1.233	-.1245
21	601.00	.00000	264.91	2.303	.1359	.2991	-.2644
21	602.00	.00000	318.31	2.767	.1633	.4057	-.5078

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P ₀ PSF A	^Q PSF	^{T₀} DEG R
21	2.495	4.971	2.162	1949.	115.0	501.1	288.0

DATE 01 OCT 80

IHI INTEGRATED VEHICLE PRESSURE DATA

E.T. ATTACH HDWR

IHI. MODEL 84-0T. E.T. ATTACH HDWR

PAGE 1974
(RGIA07)

PARAMETRIC DATA

BETA = -5.000

RUN NUMBER	MACH	ALPHA DEG.	TEST CONDITIONS			O PSF	TO DEG R
			RN/FT /FT	PO PSFA	P PSFA		
16	2.989	5.018	1.975×10^6	2455.	67.94	424.9	241.0

RUN NUMBER	TAP NO	DUMMY	TEST DATA			CP(SI)	CPI/SI
			P(I) PSFA	P(I)/P	P(I)/PO		
16	586.00	.00000	619.17	9.113	.2522	1.297	-4.320
16	587.00	.00000	57.180	.8417	.2330-01	-.2530-01	-5.643
16	588.00	.00000	431.17	6.346	.1756	.8549	-4.763
16	589.00	.00000	83.740	1.233	.3410-01	.3720-01	-5.580
16	590.00	.00000	224.998	3.311	.9160-01	.1696	-5.6700-02
16	591.00	.00000	217.01	3.194	.8840-01	.3508	-5.248
16	592.00	.00000	723.63	10.65	.2948	1.543	-5.267
16	593.00	.00000	386.58	5.690	.1575	.7499	-4.074
16	594.00	.00000	383.61	5.646	.1563	.868	-1.541
16	595.00	.00000	192.23	2.829	.7830-01	.7429	-4.875
16	596.00	.00000	295.88	4.355	.1205	.2925	-5.325
16	597.00	.00000	224.26	3.301	.9140-01	.5365	-5.081
16	598.00	.00000	217.58	3.202	.8860-01	.3679	-5.250
16	599.00	.00000	351.01	5.166	.1430	.3522	-5.265
16	600.00	.00000	443.48	6.527	.1807	.6662	-4.951
16	601.00	.00000	288.40	4.245	.175	.8839	-4.734
16	602.00	.00000	216.85	3.192	.8830-01	.3505	-5.267

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII, MODEL 84-0T, E.T. ATTACH HDWR

E.T. ATTACH HDWR

PAGE 1975
(RGIA07)

PARAMETRIC DATA

BETA = -5.000

••• TEST CONDITIONS •••

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P ₀ PSFA	P PSFA	Q PSF	T ₀ DEG R
16	2.989	.1597-01	X10 6 1.971	2451.	67.85	424.3	241.1

••• TEST DATA •••

RUN NUMBER	TAP NO	DUMMY	P ₁ (1) PSFA	P ₁ /P ₀	CP(1)	CP(SI)	CPI/SI	
16	586.00	.00000	749.01	11.04	.3056	1.605	-4.012	-.4001
16	587.00	.00000	62.710	.9243	.2560-01	-1210-01	-5.629	.2200-02
16	588.00	.00000	293.86	4.331	.1199	.5327	-5.085	-.1048
16	589.00	.00000	56.280	.8294	.2300-01	-.2730-01	-5.645	.4800-02
16	590.00	.00000	181.71	2.678	.7410-01	.6683	-5.349	.5020-01
16	591.00	.00000	273.19	4.026	.1114	.4839	-5.133	-.9430-01
16	592.00	.00000	919.09	13.55	.3749	2.006	-3.611	.5556
16	593.00	.00000	289.60	4.268	.1181	.5226	-5.095	-.1026
16	594.00	.00000	274.07	4.039	.1118	.4860	-5.131	.9470-01
16	595.00	.00000	166.10	2.448	.6780-01	.2316	-5.386	.4300-01
16	596.00	.00000	260.48	3.839	.1063	.4540	-5.163	.8790-01
16	597.00	.00000	183.08	2.698	.7470-01	.2716	-5.346	.5080-01
16	598.00	.00000	173.66	2.560	.7080-01	.2494	-5.368	.4650-01
16	599.00	.00000	314.94	4.642	.1285	.5823	-5.035	-.1157
16	600.00	.00000	336.75	4.963	.1374	.6337	-4.984	-.1272
16	601.00	.00000	263.21	3.879	.1074	.4604	-5.157	.8930-01
16	602.00	.00000	169.16	2.493	.6900-01	.2388	-5.378	.4440-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-01. E.T. ATTACH HDWR
E.T. ATTACH HDWR

PAGE 1976
(RGIA07)

E.T. ATTACH HDWR

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	PO PSFA	P PSFA	Q PSF	TO DEG R
16	2.989	-5.000	1.979	2455.	67.94	424.9	240.6

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(I) PSFA	P/I/P	P/I/PO	CP(I)	CP(SI)	CPI/SI
16	586.00	.00000	808.76	11.90	.3294	1.743	-3.875	-.4499
16	587.00	.00000	57.960	.8531	.2360-01	-.2350-01	5.641	.4200-02
16	588.00	.00000	289.78	.4265	.1100	.5220	5.096	-.1024
16	589.00	.00000	51.850	.7631	.2110-01	-.3790-01	5.656	.6700-02
16	590.00	.00000	168.08	2.474	.6850-01	.2356	5.382	-.4380-01
16	591.00	.00000	194.30	2.860	.7910-01	.2974	5.321	-.5590-01
16	592.00	.00000	656.73	9.666	.2675	1.386	4.232	-.3274
16	593.00	.00000	338.36	4.980	.1378	.6364	4.982	-.1277
16	594.00	.00000	304.58	4.483	.1241	.5569	5.061	-.1100
16	595.00	.00000	131.32	1.933	.5350-01	.1491	5.469	-.2730-01
16	596.00	.00000	188.03	2.767	.7660-01	.2826	5.335	-.5300-01
16	597.00	.00000	161.64	2.379	.6580-01	.2205	5.397	-.4030-01
16	598.00	.00000	156.18	2.299	.6360-01	.2076	5.410	-.3840-01
16	599.00	.00000	253.50	3.731	.1032	.4367	5.181	-.3840-01
16	600.00	.00000	342.55	5.042	.1395	.6462	4.972	-.1300
16	601.00	.00000	227.12	3.343	.9250-01	.3746	5.243	-.7140-01
16	602.00	.00000	187.47	2.759	.7640-01	.2813	5.337	-.5270-01

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DATE 01 OCT 80

IHI1 INTEGRATED VEHICLE PRESSURE DATA

IHI1, MODEL 84-01, E.T. ATTACH HDWR

E.T. ATTACH HDWR

PAGE 1977
(RGIA07)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
15	3.511	-5.022	1.828	3478.	44.88	387.3	211.9

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P ₁ /P	P ₁ /P ₀	CP(1)	CP(S1)	CP(S1)
15	586.00	.00000	755.84	16.84	.2173	1.836	-7.028	-2612
15	587.00	.00000	77.450	1.726	.2230-01	.8410-01	-8.780	-9600-02
15	588.00	.00000	296.06	6.597	.8510-01	.6485	-8.215	-7890-01
15	589.00	.00000	43.150	.9614	.1240-01	-4.5000-02	-8.868	-5000-03
15	590.00	.00000	145.18	3.235	.4170-01	.2590	-8.605	-3010-01
15	591.00	.00000	189.61	4.225	.5450-01	.3737	-8.490	-4490-01
15	592.00	.00000	739.94	15.49	.2128	1.795	-7.069	-2539
15	593.00	.00000	233.63	5.206	.6720-01	.4873	-8.376	-5820-01
15	594.00	.00000	184.54	4.112	.5310-01	.3606	-8.503	-4210-01
15	595.00	.00000	109.59	2.442	.3150-01	.1671	-8.696	-1920-01
15	596.00	.00000	188.08	4.191	.5410-01	.3697	-8.494	-4350-01
15	597.00	.00000	116.58	2.597	.3350-01	.1851	-8.679	-2130-01
15	598.00	.00000	107.26	2.390	.3080-01	.1611	-8.702	-1850-01
15	599.00	.00000	187.52	4.178	.5390-01	.3683	-8.495	-4340-01
15	600.00	.00000	308.35	6.871	.8870-01	.6803	-8.183	-8310-01
15	601.00	.00000	159.48	3.553	.4590-01	.2959	-8.568	-3450-01
15	602.00	.00000	114.17	2.544	.3280-01	.1789	-8.685	-2060-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-0T. E.T. ATTACH HDWR

E.T. ATTACH HDWR

PAGE 1978
(RGIA07)

PARAMETRIC DATA

BETA = -5.000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT FT	P0 PSFA	P PSFA	Q PSF	TO DEG R
15	3.511	.2394-01	X10 6 1.827	3481.	44.92	387.7	212.1

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(SI)	CPI/SI
15	586.00	.00000	664.61	14.79	.1909	1.598	-7.265	-.2200
15	587.00	.00000	60.560	1.348	.1740-01	.4030-01	-8.823	-.4500-02
15	588.00	.00000	174.38	3.882	.5010-01	.3339	-8.529	-.3920-01
15	589.00	.00000	39.580	.8812	.1140-01	-1.380-01	-8.877	1.600-02
15	590.00	.00000	152.76	3.400	.4390-01	.6782	-8.585	-.3240-01
15	591.00	.00000	367.61	8.183	.1056	.8324	-8.031	-.1036
15	592.00	.00000	632.05	14.07	.1816	1.515	-.7.349	-.2061
15	593.00	.00000	206.69	4.601	.5940-01	.4173	-8.446	-.4940-01
15	594.00	.00000	194.47	4.329	.5590-01	.3858	-8.478	-.4550-01
15	595.00	.00000	132.82	2.957	.3820-01	.2268	-8.637	-.2630-01
15	596.00	.00000	198.89	4.428	.5710-01	.3972	-8.466	-.4690-01
15	597.00	.00000	130.09	2.896	.3740 01	.2197	-8.644	-.2540-01
15	598.00	.00000	119.88	2.669	.3440-01	.1934	-8.670	-.2230-01
15	599.00	.00000	230.24	5.125	.6610-01	.4781	-8.385	-.5700-01
15	600.00	.00000	292.78	6.517	.8410-01	.6394	-8.224	-.7770-01
15	601.00	.00000	201.87	4.494	.5800-01	.4049	-8.459	-.4790-01
15	602.00	.00000	120.85	2.690	.3470-01	.1959	-8.668	-.2260-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
 IHII, MODEL 84-0T, E.T. ATTACH HDWR

E.T. ATTACH HDWR

PAGE 1979
 (RGIA07)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	T DEG R
15	3.511	4.983	1.827	3478.	44.88	387.3	212.0

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CPI/SI
15	586.00	.00000	513.88	11.45	.1478	1.211	-7.653	-.1582
15	587.00	.00000	54.910	1.223	.1580-01	.2590-01	-8.837	-.2900-02
15	588.00	.00000	306.27	6.824	.8810-01	.5748	-8.189	-.8240-01
15	589.00	.00000	55.790	1.243	.1600-01	.2820-01	-8.835	-.3200-02
15	590.00	.00000	170.90	3.808	.4910-01	.3253	-8.538	-.3810-01
15	591.00	.00000	280.37	6.247	.8060-01	.6080	-8.255	-.7360-01
15	592.00	.00000	898.60	20.02	.2584	2.204	-6.659	-.3310
15	593.00	.00000	316.89	7.060	.9110-01	.7023	-8.161	-.8600-01
15	594.00	.00000	283.75	6.322	.8160-01	.6167	-8.247	-.7480-01
15	595.00	.00000	157.78	3.515	.4540-01	.2915	-8.572	-.3400-01
15	596.00	.00000	228.89	5.100	.6580-01	.4751	-8.388	-.5660-01
15	597.00	.00000	167.84	3.739	.4830-01	.3174	-8.546	-.3710-01
15	598.00	.00000	166.07	3.700	.4770-01	.3129	-8.551	-.3660-01
15	599.00	.00000	277.23	6.177	.7970-01	.5999	-8.263	-.7260-01
15	600.00	.00000	362.09	8.067	.1041	.8190	-8.044	-.1018
15	601.00	.00000	210.71	4.695	.6060-01	.4281	-8.435	-.5080-01
15	602.00	.00000	168.16	3.747	.4840-01	.3183	-8.545	-.3720-01

DATE 01 OCT 80

III INTEGRATED VEHICLE PRESSURE DATA

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E.T. ATTACH HDWR

PAGE | 980
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BETA - 0000

TEST CONDITIONS ..

ALPHA DEG.	RN/FT /FT	PO PSFA	P PSA	$\frac{Q}{PSF}$	TO DEG R
.967	X10 6 2.165	1950.	115.1	501.4	287.9

TEST DATA

IP NO	DUMMY	P(I) PSFA	P(I/P)	P(I/P0)	CP(I)	CP(SI)	CP /SI
.00	.00000	998.07	8.671	.5118	1.761	-1.899	-.9276
.00	.00000	84.960	.7382	.4360-01	-.6010-01	-3.720	.1620-01
.00	.00000	480.39	4.174	.2464	.7286	-2.931	-.2486
.00	.00000	135.44	1.177	.6950-01	.4060-01	-3.619	-.1120-01
.00	.00000	382.90	3.327	.1964	.5341	-3.126	-.1709
.00	.00000	400.91	3.483	.2056	.5700	-2.090	-.1845
.00	.00000	506.51	4.400	.2598	.7807	-2.879	-.2712
.00	.00000	458.85	3.986	.2353	.6856	-2.974	-.2305
.00	.00000	569.69	4.949	.2921	.9067	-2.753	-.3293
.00	.00000	266.52	2.315	.1367	.3020	-3.358	-.8990-01
.00	.00000	149.02	1.295	.7640-01	.6760-01	-3.592	-.1880-01
.00	.00000	272.87	2.371	.1399	.3147	-3.345	-.9410-01
.00	.00000	247.56	2.151	.1270	.2642	-3.396	-.7780-01
.00	.00000	295.70	2.569	.1516	.3602	-2.99	-.1032
.00	.00000	385.47	3.349	.1977	.5393	-3.120	-.1728
.00	.00000	268.77	2.335	.1378	.3065	-3.353	-.9140-01
.00	.00000	248.52	2.159	.1274	.2661	-3.394	-.7840-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII, MODEL 84-01, E.T. ATTACH HDWR

E.T. ATTACH HDWR

PAGE 1981
(RGIA08)

PARAMETRIC DATA

BETA = .0000

•••TEST CONDITIONS•••

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	P0 PSFA	P PSFA	Q PSF	TO DEG R
20	2.495	.7995-02	2.161	1949.	115.0	501.0	299.2

•••TEST DATA•••

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(SI)	CP1/SI
20	586.00	.00000	1.029.3	8.948	.5282	1.825	-1.835	-.9945
20	587.00	.00000	91.580	.7961	.4700	-1.4680	-1.706	-.1260-01
20	588.00	.00000	440.45	3.829	.2260	.6495	-.3.010	-.2158
20	589.00	.00000	109.91	.9555	.5640	-.1020	-.670	.2800-02
20	590.00	.00000	265.13	2.305	.1361	.2996	-.3.360	-.8920-01
20	591.00	.00000	389.55	3.386	.1999	.5479	-.3.112	-.1761
20	592.00	.00000	544.60	4.734	.2795	.8573	-.2.802	-.3060
20	593.00	.00000	368.23	3.201	.1890	.5053	-.3.154	-.1602
20	594.00	.00000	558.11	4.852	.2864	.8843	-.2.775	-.3186
20	595.00	.00000	259.26	2.254	.1330	.2879	-.3.372	-.8540-01
20	596.00	.00000	104.29	.9066	.5350	-.2140	-.3.681	.5800-02
20	597.00	.00000	239.15	2.079	.1227	.2477	-.3.412	-.7260-01
20	598.00	.00000	224.76	1.954	.1153	.2190	-.3.441	.6370-01
20	599.00	.00000	214.14	1.862	.1099	.1978	-.3.462	-.5710-01
20	600.00	.00000	356.33	3.098	.1829	.4816	-.3.178	-.1515
20	601.00	.00000	242.69	2.110	.1245	.2548	-.3.405	-.7480-01
20	602.00	.00000	249.53	2.169	.1281	.2684	-.3.391	-.7920-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-01, E.T. ATTACH HDWR

E.T. ATTACH HDWR

PAGE 1982
(RG1A08)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P ₀ PSFA	P PSFA	Q PSF	TO DEG R
20	2.495	-4.953	2.163	1949.	115.1	501.2	288.0

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P ₁ /P	P ₁ /P ₀	CP(1)	CP(SI)	CPI/SI
20	586.00	.00000	1135.3	9.866	.5824	2.035	-1.624	-1.253
20	587.00	.00000	98.760	.8583	.5070-01	.7250-01	-3.692	.8800-02
20	588.00	.00000	359.25	3.122	.1843	.4872	-3.173	-.1536
20	589.00	.00000	82.770	.7193	.4250-01	.6440-01	-3.724	.1730-01
20	590.00	.00000	278.48	2.420	.1429	.3260	-3.334	.9780-01
20	591.00	.00000	326.38	2.836	.1674	.4216	-3.238	-.1302
20	592.00	.00000	599.49	5.210	.3075	.9665	-2.693	-.3589
20	593.00	.00000	363.92	3.163	.1867	.9665	-3.163	-.1570
20	594.00	.00000	489.22	4.252	.2510	.7465	-2.913	.2562
20	595.00	.00000	249.38	2.167	.1279	.5680	-3.392	-.7900-01
20	596.00	.00000	100.77	.8758	.5170-01	.2850-01	-3.688	.7700-02
20	597.00	.00000	252.44	2.194	.1295	.2741	-3.386	-.8100-01
20	598.00	.00000	202.04	1.756	.1036	.1735	-.3.486	-.4980-01
20	599.00	.00000	203.25	1.766	.1043	.1759	-.3.484	-.5050-01
20	600.00	.00000	344.47	2.994	.1767	.4577	-3.202	-.1429
20	601.00	.00000	212.65	1.848	.1091	.1947	-3.465	.5620-01
20	602.00	.00000	224.87	1.954	.1154	.2191	-3.441	-.6370-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII, MODEL 84-01. E.T. ATTACH HDWR

E.T. ATTACH HDWR

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF _A	P ₀ PSF	θ	T ₀ DEG R
17	2.989	-5.010	1.982	2455.	67.94	425.0	240.5

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P ₁₁ PSFA	P ₁ /P	P ₁ /P ₀	CP(1)	CP(SI)	CPI/SI
17	586.00	.00000	824.35	12.13	.3357	1.780	-3.838	-.4637
17	587.00	.00000	96.800	1.425	.3940-01	.6790-01	-5.550	-.1220-01
17	588.00	.00000	157.79	2.322	.6430-01	.2114	-5.407	-.3910-01
17	589.00	.00000	56.170	.8266	.2290-01	.2770-01	-5.646	-.4900-02
17	590.00	.00000	166.00	2.443	.6760-01	.2307	-5.387	-.4280-01
17	591.00	.00000	230.53	3.393	.9390-01	.3826	-5.235	-.7310-01
17	592.00	.00000	535.00	7.874	.2179	1.099	-4.519	-.2432
17	593.00	.00000	238.09	3.504	.9700-01	.4004	-5.28	-.7670-01
17	594.00	.00000	323.87	4.767	.1319	.6022	-5.016	-.1201
17	595.00	.00000	173.08	2.547	.7050-01	.2474	-5.371	-.4610-01
17	596.00	.00000	63.970	.9415	.2610-01	.9400-02	-5.628	-.1700-02
17	597.00	.00000	155.54	2.289	.6330-01	.2061	-5.412	-.3810-01
17	598.00	.00000	133.09	1.959	.5420-01	.1533	-5.465	-.2810-01
17	599.00	.00000	119.41	1.757	.4860-01	.1211	-5.497	-.2200-01
17	600.00	.00000	258.77	3.809	.1054	.4490	-5.69	-.8690-01
17	601.00	.00000	105.33	1.550	.4290-01	.8800-01	-5.530	-.1590-01
17	602.00	.00000	124.00	1.825	.5050-01	.1319	-5.486	-.2400-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII, MODEL 84-01, E.T. ATTACH HOWR

E.T. ATTACH HOWR

PAGE 1984
(RGIAOB)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	PO PSFA	P PSFA	Q PSF	T ₀ DEG R
17	2.989	-.3186-01	1.983	2455.	67.94	425.0	240.3

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CP1/SI
17	586.00	.00000	721.31	10.62	.2938	1.537	-4.081	-.3768
17	587.00	.00000	96.330	1.418	.3920-01	.6680-01	-.5.552	-.1200-01
17	588.00	.00000	254.04	3.739	.1035	.4379	-5.180	-.8450-01
17	589.00	.00000	75.750	1.115	.3090-01	.1940-01	-5.600	-.3300-02
17	590.00	.00000	199.94	2.943	.8140-01	.3106	-5.308	-.5850-01
17	591.00	.00000	261.84	3.854	.1062	.4563	-5.162	-.8840-01
17	592.00	.00000	471.24	6.936	.1919	.9490	-4.669	-.2032
17	593.00	.00000	259.11	3.814	.1055	.4498	-5.169	-.8700-01
17	594.00	.00000	370.60	5.455	.1509	.7122	-4.906	-.1452
17	595.00	.00000	185.56	2.731	.7560-01	.2768	-5.342	-.5180-01
17	596.00	.00000	63.960	.9399	.2600-01	.9600-02	-5.628	-.1700-02
17	597.00	.00000	151.47	2.229	.6170-01	.1966	-5.422	-.3630-01
17	598.00	.00000	167.31	2.463	.6810-01	.2338	-5.385	-.4340-01
17	599.00	.00000	102.28	1.505	.4170-01	.8080-01	-5.538	-.1460-01
17	600.00	.00000	270.28	3.978	.1101	.4761	-5.142	-.9260-01
17	601.00	.00000	132.50	1.950	.5400-01	.1519	-5.466	-.2780-01
17	602.00	.00000	147.45	2.170	.6010-01	.1871	-5.431	-.3440-01

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DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
 IH11, MODEL 84-0T, E.T. ATTACH HDWR

E.T. ATTACH HDWR

PAGE 1985
 (RGIA08)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P ₀ PSFA	P PSFA	Q PSF	TO DEG R
17	2.989	4.975	1.985	2456.	67.95	425.0	240.2

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(I) PSFA	P _I /P	P _I /P ₀	CP(I)	CP(SI)	CP(SI)
17	586.00	.00000	664.81	9.784	.2707	1.404	-4.214	-.3332
17	587.00	.00000	75.860	1.116	.3090-01	.860-01	-5.600	-.3300-02
17	588.00	.00000	368.48	5.423	.1500	.7071	-4.911	-.1440
17	589.00	.00000	73.850	1.087	.3010-01	.1390-01	-5.605	-.2500-02
17	590.00	.00000	262.53	3.863	.1069	.4578	-5.161	-.8870-01
17	591.00	.00000	263.41	3.877	.1073	.4599	-5.159	-.8910-01
17	592.00	.00000	424.84	6.252	.1730	.8397	-4.779	-.1757
17	593.00	.00000	278.28	4.095	.1133	.4949	-5.124	-.9660-01
17	594.00	.00000	437.78	6.443	.1783	.8701	-4.748	-.1832
17	595.00	.00000	197.65	2.909	.8050-01	.3052	-5.313	-.5740-01
17	596.00	.00000	77.950	1.147	.3170-01	.2350-01	-5.595	-.4200-02
17	597.00	.00000	166.62	2.452	.6780-01	.2321	-5.386	-.4310-01
17	598.00	.00000	168.23	2.476	.6850-01	.2359	-5.383	-.4380-01
17	599.00	.00000	178.20	2.622	.7260-01	.2594	-5.359	-.4810-01
17	600.00	.00000	289.22	4.256	.1178	.5206	-5.098	-.1021
17	601.00	.00000	184.79	2.719	.7520-01	.2749	-5.34	-.5140-01
17	602.00	.00000	201.75	2.969	.8210-01	.3148	-5.304	-.5940-01

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 (RG1A08)
IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-0T. E.T. ATTACH HDWR

E.T. ATTACH HDWR**PARAMETRIC DATA****BETA = .0000*******TEST CONDITIONS*****

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P ₀ PSFA	P PSFA	Q PSF	T ₀ DEG R
14	3.512	5.022	1.839	3479.	44.87	387.3	211.0

*****TEST DATA*****

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P ₁ /P	P ₁ /P ₀	CP(1)	CP(SI)	CPI/SI
14	586.00	.00000	617.88	13.77	.1776	1.480	-7.387	-.2003
14	587.00	.00000	67.410	1.502	.1940-01	.5820-01	-8.808	-.6600-02
14	588.00	.00000	279.57	6.231	.8040-01	.6060	-8.261	-.7340-01
14	589.00	.00000	54.960	1.225	.1580-01	.2610-01	-.2900-02	
14	590.00	.00000	217.93	4.857	.6260-01	.4469	-8.420	-.5310-01
14	591.00	.00000	146.65	3.869	.4220-01	.2628	-8.604	-.3050-01
14	592.00	.00000	305.84	6.817	.8790-01	.6739	-8.193	-.8230-01
14	593.00	.00000	237.54	5.294	.6830-01	.4975	-8.369	-.5940-01
14	594.00	.00000	312.43	6.964	.8980-01	.6909	-8.176	-.8450-01
14	595.00	.00000	159.67	3.559	.4590-01	.2964	-8.570	-.3460-01
14	596.00	.00000	56.160	1.252	.1610-01	.2920-01	-8.837	-.3300-02
14	597.00	.00000	111.53	2.486	.3210-01	.1721	-8.694	-.1980-01
14	598.00	.00000	115.47	2.574	.3320-01	.1823	-8.684	-.2100-01
14	599.00	.00000	121.10	2.699	.3490-01	.1968	-8.670	-.2270-01
14	600.00	.00000	202.74	4.559	.5830-01	.4076	-8.459	-.4820-01
14	601.00	.00000	125.11	2.789	.3600-01	.2072	-8.659	-.2390-01
14	602.00	.00000	136.68	3.046	.3930-01	.2371	-8.630	-.2750-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII, MODEL 84-01, E.T. ATTACH HDWR

E.T. ATTACH HDWR

PAGE 1987
(RGIA08)

PARAMETRIC DATA

BETA = .0000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	PO PSFA	P PSFA	Q PSF	T ₀ DEG R
14	3.512	.2394-01	1.837	3477.	44.84	387.1	211.1

TEST CONDITIONS							
RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)

TEST DATA								
14	586.00	.00000	653.82	14.58	.1881	1.573	-7.293	-.2157
14	587.00	.00000	86.340	1.925	.2480-01	.1072	-8.759	-.1220-01
14	588.00	.00000	138.68	3.093	.3990-01	.2424	-8.624	-.2810-01
14	589.00	.00000	47.430	1.058	.1360-01	.6700-02	-8.859	-.8000-03
14	590.00	.00000	103.79	2.314	.2990-01	.1523	-8.714	-.1750-01
14	591.00	.00000	154.84	3.453	.4450-01	.2842	-8.582	-.3310-01
14	592.00	.00000	392.43	8.751	.1129	.8980	-7.968	-.1127
14	593.00	.00000	224.95	5.016	.6470-01	.4653	-8.401	-.5540-01
14	594.00	.00000	318.38	7.100	.9160-01	.7067	-8.159	-.8660-01
14	595.00	.00000	133.70	2.981	.3850-01	.2296	-8.637	-.2660-01
14	596.00	.00000	43.410	.9679	.1250-01	-.3700-02	-8.870	-.4000-03
14	597.00	.00000	96.790	2.158	.2780-01	.1342	-8.732	-.1540-01
14	598.00	.00000	105.23	2.347	.3030-01	.1560	-8.710	-.1790-01
14	599.00	.00000	88.910	1.983	.2560-01	.1139	-8.752	-.1300-01
14	600.00	.00000	196.97	4.392	.5670-01	.3930	-8.473	-.4640-01
14	601.00	.00000	95.430	2.128	.2740-01	.1307	-8.735	-.1500-01
14	602.00	.00000	111.43	2.485	.3200-01	.1720	-8.694	-.1980-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-01, E.T. ATTACH HOUR

E.T. ATTACH HOUR

PARAMETRIC DATA

PAGE 1988
(RGIA08)

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁻⁶	PO PSFA	P PSFA	Q PSF	TO DEG R
14	3.511	-4.983	1.831	3478.	44.87	387.3	211.6

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CPI/SI
14	586.00	.00000	738.69	16.46	.2124	1.792	-7.073	-.2533
14	587.00	.00000	99.970	2.228	.2870-01	1.423	-8.722	-.1630-01
14	588.00	.00000	100.61	2.242	.2890-01	1.439	-8.720	-.1650-01
14	589.00	.00000	42.030	.9365	.1210-01	-.7400-02	8.872	.8000-03
14	590.00	.00000	85.980	1.916	.2470-01	1.062	-8.758	-.1210-01
14	591.00	.00000	140.71	3.136	.4050-01	2475	-8.617	-.2870-01
14	592.00	.00000	397.39	8.856	.1143	9102	-7.954	-.1144
14	593.00	.00000	285.12	6.354	.8200-01	6204	-8.244	-.7520-01
14	594.00	.00000	316.14	7.045	.9090-01	7004	-8.164	-.8580-01
14	595.00	.00000	109.13	2.432	.3140-01	1659	-8.699	-.1910-01
14	596.00	.00000	40.820	.9097	.1170-01	-.1050-01	8.875	.1200-02
14	597.00	.00000	102.70	2.289	.2950-01	1493	-8.715	-.1710-01
14	598.00	.00000	69.200	1.988	.2560-01	1145	-8.750	-.1310-01
14	599.00	.00000	91.130	2.031	.2620-01	1194	-8.745	-.1370-01
14	600.00	.00000	192.63	4.293	.5540-01	3815	-8.483	-.4500-01
14	601.00	.00000	79.880	1.780	.2300-01	9040-01	-8.774	-.1030-01
14	602.00	.00000	99.000	2.206	.2850-01	1398	-8.725	-.1600-01

DATE 01 OCT 80

IHI1 INTEGRATED VEHICLE PRESSURE DATA
IHI1. MODEL 84-01. E.T. ATTACH HDWR

E.T. ATTACH HDWR

PAGE 1989
(RGIA09)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P PSFA	Q PSF	T ₀ DEG R
19	2.495	-4.996	2.164	1950.	115.1	501.4	288.0

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P ₁ /P	CPI(1)	CPI(SI)	CPI/SI
19	586.00	.00000	979.26	8.507	.5022	1.723	-1.936
19	587.00	.00000	146.04	1.269	.7490-01	.6170-01	-3.598
19	588.00	.00000	181.00	1.572	.9280-01	.1314	-3.528
19	589.00	.00000	115.42	1.003	.5920-01	.6000-03	-3.659
19	590.00	.00000	224.15	1.947	.1149	.2175	-3.442
19	591.00	.00000	230.90	2.006	.1184	.2309	-3.429
19	592.00	.00000	560.32	4.868	.2873	.8879	-2.772
19	593.00	.00000	305.96	2.658	.1569	.3806	-3.279
19	594.00	.00000	269.24	2.339	.1381	.3074	-3.352
19	595.00	.00000	171.03	1.486	.8770-01	.1115	-3.598
19	596.00	.00000	233.55	2.029	.1198	.2362	-3.423
19	597.00	.00000	217.72	1.891	.1116	.2047	-3.495
19	598.00	.00000	187.02	1.625	.9590-01	.1434	-3.516
19	599.00	.00000	367.20	3.190	.1883	.5028	-3.157
19	600.00	.00000	311.43	2.706	.1597	.3915	-3.268
19	601.00	.00000	218.04	1.894	.1118	.2053	-3.454
19	602.00	.00000	226.64	1.969	.1162	.2224	-3.437

- .6470-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
 IHII, MODEL 8H-0T. E.T. ATTACH HDHR

E.T. ATTACH HDHR

PAGE 1990
 (RGIA09)

PARAMETRIC DATA

BETA = 5.000

•••TEST CONDITIONS•••

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
19	2.495	.1397-01	X1.0 6 2.163	1950.	115.1	501.3	288.1

•••TEST DATA•••

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(SI)	CP1/SI
19	586.00	.00000	998.75	8.678	.5122	1.763	-.897	-.9291
19	587.00	.00000	129.42	1.124	.6640-01	.2860-01	-3.631	-.7900-02
19	588.00	.00000	232.43	2.019	.1192	.2340	-3.426	-.6830-01
19	589.00	.00000	148.32	1.289	.7610-01	.6630-01	-3.593	-.1840-01
19	590.00	.00000	227.60	1.978	.1167	.2244	-3.435	-.6530-01
19	591.00	.00000	318.87	2.771	.1635	.4065	-3.253	-.1249
19	592.00	.00000	664.80	5.776	.3410	1.096	-2.563	-.4278
19	593.00	.00000	508.48	4.418	.2608	.7847	-2.875	-.2729
19	594.00	.00000	486.61	4.228	.2496	.7410	-2.919	-.2539
19	595.00	.00000	258.56	2.246	.1326	.2862	-3.373	-.8480-01
19	596.00	.00000	215.54	1.873	.1105	.2004	-3.459	-.5790-01
19	597.00	.00000	213.53	1.855	.1095	.1963	-3.463	-.5670-01
19	598.00	.00000	177.18	1.539	.9090-01	.1238	-3.536	-.3500-01
19	599.00	.00000	362.13	3.146	.1857	.4928	-3.167	-.1556
19	600.00	.00000	411.83	3.578	.2112	.5919	-3.068	-.1929
19	601.00	.00000	191.90	1.667	.9840-01	.1532	-3.506	-.4370-01
19	602.00	.00000	241.75	2.100	.1240	.2526	-3.407	-.7420-01

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OF POOR QUALITY

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-0T. E.T. ATTACH HDWR

E.T. ATTACH HDWR

PAGE 1991
(RGIA09)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
19	2.495	4.993	X10 6 2.164	1950.	115.1	501.5	288.0

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(SI)	CP1/SI
19	586.00	.00000	867.04	7.531	.4446	1.499	-2.160	-6941
19	587.00	.00000	144.99	1.259	.7430-01	.5950-01	-3.600	-1650-01
19	588.00	.00000	367.97	3.196	.1887	.5042	-3.155	-1598
19	589.00	.00000	120.22	1.652	.9750-01	.1498	-3.510	-4270-01
19	590.00	.00000	284.32	2.470	.1458	.3374	-3.322	-1016
19	591.00	.00000	352.14	3.059	.1806	.4726	-3.187	-1483
19	592.00	.00000	823.49	7.153	.4222	.4113	-2.247	-6286
19	593.00	.00000	670.02	5.820	.3435	.1106	-2.553	-4334
19	594.00	.00000	530.60	4.609	.2721	.8285	-2.831	-2926
19	595.00	.00000	323.93	2.814	.1661	.4164	-3.243	-1284
19	596.00	.00000	241.97	2.102	.1241	.2530	-3.407	-7430-01
19	597.00	.00000	271.14	2.355	.1390	.3111	-3.349	-9290-01
19	598.00	.00000	218.83	1.901	.1122	.2068	-3.453	-5990-01
19	599.00	.00000	425.10	3.692	.2180	.6181	-3.042	-2032
19	600.00	.00000	496.53	4.313	.2546	.7606	-2.899	-2624
19	601.00	.00000	209.43	1.819	.1074	.1881	-3.472	-5420-01
19	602.00	.00000	284.00	2.467	.1456	.3368	-3.323	-1013

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IHI1 INTEGRATED VEHICLE PRESSURE DATA

IHI1. MODEL 84-0T. E.I. ATTACH HDWR

E.I. ATTACH HDWR

PAGE 1992
(RG1A09)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
18	2.989	4.979	1.982	2456.	67.95	425.0	240.5

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(S1)	CP1/S1
18	586.00	.00000	588.59	8.662	.2397	1.225	-4.393	-.2789
18	587.00	.00000	102.12	1.503	.4160-01	.8040-01	-5.538	-.1450-01
18	588.00	.00000	167.87	2.470	.6840-01	.2351	-5.383	-.4370-01
18	589.00	.00000	107.02	1.575	.4360-01	.9190-01	-5.526	-.1660-01
18	590.00	.00000	165.14	2.430	.6720-01	.5287	-5.390	-.4240-01
18	591.00	.00000	250.26	3.683	.1019	.4290	-5.189	-.8270-01
18	592.00	.00000	537.39	7.909	.2188	1.105	-4.514	-.2447
18	593.00	.00000	496.72	7.310	.2023	1.009	-4.609	-.2189
18	594.00	.00000	378.64	5.572	.1542	.7310	-4.887	-.1496
18	595.00	.00000	199.06	2.930	.8110-01	.3085	-5.310	-.5810-01
18	596.00	.00000	125.59	1.848	.5110-01	.1356	-5.483	-.2470-01
18	597.00	.00000	199.14	2.931	.8110-01	.3087	-5.310	-.5810-01
18	598.00	.00000	185.15	2.725	.7540-01	.2758	-5.342	-.5160-01
18	599.00	.00000	326.79	4.809	.1331	.6090	-5.009	-.1216
18	600.00	.00000	332.41	4.892	.1354	.6223	-4.996	-.1246
18	601.00	.00000	146.57	2.157	.5970-01	.1850	-5.433	-.3400-01
18	602.00	.00000	180.09	2.650	.7330-01	.2639	-5.354	-.4930-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
 IHII, MODEL 84-0T, E.T. ATTACH HDWR

E.T. ATTACH HDWR

PAGE 1993
 (RGIA09)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	TO DEG R
18	2.989	.1597-.31	X10 6 1.981	2452.	67.85	424.3	240.2

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CPI/SI
18	586.00	.00000	625.37	9.218	.2551	1.314	-4.304	.3052
18	587.00	.00000	97.720	1.440	.3990-01	.7040-01	-5.548	-1.1270-01
18	588.00	.00000	118.94	1.753	.4850-01	.1204	-5.498	-2.190-01
18	589.00	.00000	80.840	1.191	.3300-01	.7060-01	-5.588	-5.5500-02
18	590.00	.00000	88.720	1.308	.3620-01	.4920-01	-5.569	-8800-02
18	591.00	.00000	198.83	2.931	.8110-01	.3087	-5.309	-5.5810-01
18	592.00	.00000	373.88	5.511	.1525	.7212	-4.897	-1.473
18	593.00	.00000	293.99	4.333	.1199	.5329	-5.085	-1.048
18	594.00	.00000	245.61	3.620	.1002	.4189	-5.199	-8060-01
18	595.00	.00000	153.42	2.261	.6260-01	.2017	-5.416	-3720-01
18	596.00	.00000	152.53	2.248	.6220-01	.1996	-5.419	-3680-01
18	597.00	.00000	152.05	2.241	.6200-01	.1984	-5.420	-3660-01
18	598.00	.00000	141.76	2.090	.5780-01	.1742	-5.444	-3200-01
18	599.00	.00000	261.36	3.852	.1066	.4560	-5.162	-8830-01
18	600.00	.00000	227.12	3.348	.9260-01	.3753	-5.243	-7160-01
18	601.00	.00000	136.78	2.016	.5580-01	.1625	-5.456	-2980-01
18	602.00	.00000	147.47	2.174	.6010-01	.1876	-5.431	-3460-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA
 IH11. MODEL 84-01. E.T. ATTACH HDWR
 E.T. ATTACH HDWR

PAGE 1994
 (RGIA09)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P PSFA	Q PSF	TO DEG R
18	2.989	-4.976	1.981	2452.	67.87	424.5	240.4

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P ₁ /P	P ₁ /P ₀	CPI(1)	CPI(SI)	CPI/SI
18	586.00	.00000	719.47	10.60	.2934	1.535	-4.083	-.3760
18	587.00	.00000	111.58	1.644	.4550-01	.030	-5.515	-.1870-01
18	588.00	.00000	152.63	2.249	.6220-01	.997	-5.418	-.3690-01
18	589.00	.00000	58.710	.8651	.2390-01	-.2160-01	5.640	-.3800-02
18	590.00	.00000	157.86	2.326	.6440-01	.2120	-5.476	-.3920-01
18	591.00	.00000	130.14	1.918	.5310-01	.467	-5.471	-.2680-01
18	592.00	.00000	279.58	4.120	.1140	.988	-5.119	-.9740-01
18	593.00	.00000	144.12	2.123	.5880-01	.796	-5.438	-.3300-01
18	594.00	.00000	157.21	2.317	.6410-01	.2105	-5.408	-.3890-01
18	595.00	.00000	101.29	1.493	.4130-01	.7880-01	-5.539	-.1420-01
18	596.00	.00000	126.84	1.869	.5170-01	.1389	-5.479	-.2540-01
18	597.00	.00000	145.00	2.137	.5910-01	.817	-5.436	-.3340-01
18	598.00	.00000	139.46	2.055	.5690-01	.687	-5.450	-.3100-01
18	599.00	.00000	251.86	3.711	.1027	.4335	-5.185	-.8360-01
18	600.00	.00000	158.10	2.329	.6450-01	.2126	-5.405	-.3930-01
18	601.00	.00000	141.71	2.088	.5780-01	.1740	-5.444	-.3200-01
18	602.00	.00000	138.73	2.044	.5660-01	.1670	-5.451	-.3060-01

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IHI1 INTEGRATED VEHICLE PRESSURE DATA

IHI1. MODEL 84-01. E.T. ATTACH HDWR

E.T. ATTACH HDWR

PAGE 1995
(RC1A09)

PARAMETRIC DATA

BETA = 5.000

•••TEST CONDITIONS•••

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	PO PSFA	P PSFA	Q PSF	TO DEG R
13	3.512	-4.970	1.850	3483.	44.90	387.6	210.2

•••TEST DATA•••

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CPI/SI
13	586.00	.0000	661.89	14.74	.1900	1.592	-7.278	-2187
13	587.00	.0000	111.27	2.479	.3190-01	1.1712	-8.698	-1970-01
13	588.00	.0000	103.47	2.305	.2970-01	1.1511	-8.719	-1730-01
13	589.00	.0000	33.760	1.7520	.9700-02	.2870-01	-8.698	-3200-02
13	590.00	.0000	83.370	1.857	.2390-01	.5930-01	-8.770	-1130-01
13	591.00	.0000	126.79	2.824	.3640-01	2.113	-8.658	-2440-01
13	592.00	.0000	323.14	7.198	.9280-01	.7178	-8.152	-8810-01
13	593.00	.0000	161.53	3.598	.4640-01	.3009	-8.569	-3510-01
13	594.00	.0000	134.51	2.996	.3860-01	.2312	-8.638	-2680-01
13	595.00	.0000	95.270	2.122	.2740-01	.1300	-8.740	-1430-01
13	596.00	.0000	110.71	2.466	.3180-01	.1698	-8.700	-1950-01
13	597.00	.0000	117.54	2.618	.3370-01	.1874	-8.682	-2150-01
13	598.00	.0000	112.88	2.514	.3240-01	.1754	-8.694	-2020-01
13	599.00	.0000	203.66	4.536	.5850-01	.4096	-8.460	-4840-01
13	600.00	.0000	149.79	3.336	.4300-01	.2706	-8.599	-3150-01
13	601.00	.0000	101.62	2.264	.2920-01	.1464	-8.723	-1680-01
13	602.00	.0000	99.450	2.215	.2860-01	.1408	-8.729	-1610-01

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DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-0T. E.T. ATTACH HDWR

E.T. ATTACH HDWR

PAGE 1996
(RGIA09)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	PO PSFA	P PSFA	Q PSF	TO DEG R
13	3.512	.6002-02	1.844	3477.	44.E4	387.0	210.5

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(SI)	CP(SI)
13	586.00	.00000	603.25	13.45	.1735	1.443	-7.425	-.1943
13	587.00	.00000	81.090	1.809	.2330-01	.9370-01	-8.774	-.1070-01
13	588.00	.00000	67.370	1.502	.1940-01	.5820-01	-8.810	-.6660-02
13	589.00	.00000	43.050	.9601	.1240-01	-.4600-02	-8.872	.5000-03
13	590.00	.00000	35.180	.7847	.1010-01	-.2490-01	-8.893	-.2800-02
12	591.00	.00000	161.27	3.597	.4640-01	.3008	-8.567	-.3510-01
12	592.00	.00000	268.17	5.981	.7710-01	.5770	-8.291	-.6960-01
13	593.00	.00000	187.99	4.193	.5410-01	.3699	-8.498	-.4350-01
13	594.00	.00000	140.64	3.137	.4040-01	.2475	-8.620	-.2870-01
12	595.00	.00000	111.75	2.492	.3210-01	.1729	-8.695	-.1990-01
13	596.00	.00000	131.17	2.926	.3770-01	.2231	-8.645	-.2580-01
13	597.00	.00000	130.21	2.904	.3740-01	.2206	-8.647	-.2550-01
13	598.00	.00000	122.10	2.723	.3510-01	.1996	-8.668	-.2300-01
13	599.00	.00000	216.16	4.821	.6220-01	.4427	-8.425	-.5250-01
13	600.00	.00000	144.09	3.214	.4140-01	.2564	-8.612	-.2980-01
13	601.00	.00000	103.64	2.312	.2980-01	.1519	-8.716	-.1740-01
13	602.00	.00000	102.76	2.292	.2960-01	.1497	-8.718	-.1720-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-0T, E.T. ATTACH HDWR

E.T. ATTACH HDWR

PAGE 1997
(RGIA09)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	TO DEG R
13	3.512	5.006	X10 6 1.844	3480.	44.87	387.4	210.6

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CPI/SI
13	586.00	.00000	576.58	12.85	.1657	1.373	-7.495	-1.1831
13	587.00	.00000	74.750	1.666	.2150-01	.7710-01	-8.791	-.8800-02
13	588.00	.00000	88.740	1.978	.2550-01	.1132	-8.755	-.1290-01
13	589.00	.00000	61.570	1.372	.1770-01	.4310-01	-8.825	-.4900-02
13	590.00	.00000	64.540	1.438	.1850-01	.5080-01	-8.817	-.5800-02
13	591.00	.00000	179.07	3.991	.5150-01	.3464	-8.522	-.4070-01
13	592.00	.00000	381.68	8.506	.1097	.8695	-7.999	-.1087
13	593.00	.00000	431.75	9.622	.1241	.9988	-7.869	-.1269
13	594.00	.00000	266.51	5.939	.7660-01	.5722	-8.296	-.6900-01
12	595.00	.00000	173.20	3.860	.4980-01	.3313	-8.537	-.3880-01
13	596.00	.00000	134.71	3.002	.3870-01	.2319	-8.636	-.2690-01
13	597.00	.00000	162.27	3.616	.4660-01	.3031	-8.565	-.3540-01
13	598.00	.00000	156.65	3.491	.4500-01	.2896	-8.579	-.3360-01
13	599.00	.00000	260.16	5.798	.7480-01	.5558	-8.312	-.6630-01
13	600.00	.00000	238.22	6.309	.6850-01	.4992	-8.369	-.5660-01
13	601.00	.00000	107.06	2.386	.3080-01	.1605	-8.707	-.1840-01
13	602.00	.00000	123.45	2.751	.3550-01	.2029	-8.665	-.2340-01

DATE 01 OCT 80

IHI INTEGRATED VEHICLE PRESSURE DATA

IHI, MODEL 84-T, E.T. ATTACH HDWR

E.T. ATTACH HDWR

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	PO PSFA	P PSFA	Q PSF	T ₀ DEG R
48	2.495	-4.943	2.159	1950.	115.1	501.3	288.5

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P(1)/P	PI/PO	CP(1)	CP(SI)	CP(1/SI)
48	586.00	.00000	999.00	999.0	999.0	999.0	999.0	999.0
48	587.00	.00000	999.00	999.0	999.0	999.0	999.0	999.0
48	588.00	.00000	272.09	2.364	.1396	.3131	-3.346	-9360-01
48	589.00	.00000	69.480	.6036	.3560-01	.9100-01	-3.750	.2430-01
48	590.00	.00000	267.99	.3228	.1374	.3049	-3.354	-.9090-01
48	591.00	.00000	250.54	2.177	.1285	.2701	-3.389	-.7970-01
48	592.00	.00000	1115.7	9.694	.5722	1.996	-1.664	-1.200
48	593.00	.00000	959.47	8.336	.4921	1.684	-1.975	-.8526
48	594.00	.00000	530.76	4.611	.2722	.8291	-2.830	-.2929
48	595.00	.00000	148.55	1.290	.7620-01	.6670-01	-3.593	-.1660-01
48	596.00	.00000	75.030	.6519	.3850-01	.7990-01	-3.739	.2140-01
48	597.00	.00000	491.43	4.270	.2520	.7506	-2.909	-.2581
48	598.00	.00000	248.28	2.157	.1273	.2656	-3.394	-.7830-01
48	599.00	.00000	110.82	.9628	.5680-01	.8500-02	-3.668	.2300-02
48	600.00	.00000	724.53	6.295	.3716	1.216	-2.444	-.4974
48	601.00	.00000	78.330	.6805	.4020-01	.7340-01	-3.733	-.1970-01
48	602.00	.00000	161.58	1.404	.8290-01	.9270-01	-3.567	-.2600-01

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII, MODEL 84-T, E.T. ATTACH HDWR

E.T. ATTACH HDWR

PAGE 1999
(RGIA13)

PARAMETRIC DATA

BETA = -5.000

		*** TEST CONDITIONS ***				*** TEST DATA ***			
RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P PSFA	Q PSF	TO DEG R		
48	2.494	.5697-03	2.158	1950.	115.1	501.4	288.6		
RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P ₁ /P	P ₁ /P ₀	CPI(1)	CP(SI)	CPI/SI	
48	586.00	.00000	999.00	999.0	999.0	999.0	999.0	999.0	
48	587.00	.00000	999.00	999.0	999.0	999.0	999.0	999.0	
48	588.00	.00000	179.39	1.558	.9200-01	1.282	-3.531	-3.3630-01	
48	589.00	.00000	74.520	.6474	.3820-01	.8100-01	-3.740	-2.160-01	
48	590.00	.00000	210.11	1.825	.1078	.1995	-3.470	-5.460-01	
48	591.00	.00000	198.13	1.721	.1016	.1656	-3.494	-4.740-01	
48	592.00	.00000	925.22	8.038	.4795	1.616	-2.044	-7.906	
48	593.00	.00000	463.28	4.025	.2376	.6944	-2.965	-2.342	
48	594.00	.00000	332.27	2.887	.1704	.4331	-3.226	-1.342	
48	595.00	.00000	117.95	1.025	.6050-01	.5700-02	-3.654	-1.500-02	
48	596.00	.00000	73.70	.6404	.3780-01	.8260-01	-3.742	.2210-01	
48	597.00	.00000	479.28	4.164	.2458	.7263	-2.933	-2.476	
48	598.00	.00000	221.77	1.927	.1137	.2127	-3.447	-6.170-01	
48	599.00	.00000	86.580	.7522	.4440-01	.5690-01	-3.716	.1530-01	
48	600.00	.00000	605.22	5.258	.3104	.9775	-2.682	.3645	
48	601.00	.00000	62.860	.5461	.3220-01	.1042	-3.764	.2770-01	
48	602.00	.00000	120.84	1.050	.6200-01	.1140-01	-3.648	-3.3100-02	

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-T. E.T. ATTACH HDWR

E.T. ATTACH HDWR

PAGE 2000
(RGIA13)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P ₀ PSFA	P ₀ PSFA	θ	T ₀ DEG R
48	2.494	5.015	X10 ⁻⁶ 2.157	1950.	115.1	501.4	288.7

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(I) PSFA	P(I)/P	P(I)/P ₀	CPI(SI)	CPI(SI)	CPI(SI)
48	586.00	.00000	999.00	999.0	999.0	999.0	999.0	999.0
48	587.00	.00000	999.00	999.0	999.0	999.0	999.0	999.0
48	588.00	.00000	800.32	6.952	.4104	1.366	-2.293	-.5959
48	589.00	.00000	59.560	.5173	.3050-01	-.1108	-3.770	.2940-01
48	590.00	.00000	162.12	1.408	.8310-01	.5370-01	-3.566	-.2630-01
48	591.00	.00000	161.96	1.407	.8310-01	.9340-01	-3.566	-.2620-01
48	592.00	.00000	688.35	5.979	.3530	1.143	-2.516	-.4543
48	593.00	.00000	219.07	1.903	.1123	.2073	-3.452	-.6000-01
48	594.00	.00000	165.34	1.436	.8480-01	.1001	-3.559	-.2810-01
48	595.00	.00000	101.39	.8806	.5200-01	-.2740-01	-3.687	-.7400-02
48	596.00	.00000	118.20	1.027	.6060-01	.6100-02	-3.653	-.1700-02
48	597.00	.00000	240.79	2.092	.1235	.2506	-3.409	-.7350-01
48	598.00	.00000	119.36	1.028	.6070-01	.6400-02	-3.653	-.1800-02
48	599.00	.00000	162.76	1.414	.8350-01	.9500-01	-3.564	-.2670-01
48	600.00	.00000	94.230	.8185	.4830-01	-.4170-01	-3.701	.1130-01
48	601.00	.00000	51.840	.4502	.2660-01	-.1262	-3.786	.3330-01
48	602.00	.00000	53.120	.4614	.2720-01	-.1237	-3.783	.3270-01

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IHI 1 INTEGRATED VEHICLE PRESSURE DATA
IHI 1. MODEL 84-T. E.T. ATTACH HDWR

E.T. ATTACH HDWR

PAGE 2001
(RGIA13)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	TO DEG R
43	2.989	5.026	X10.6 1.989	2463.	68.15	426.2	240.4

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CPI/SI
43	586.00	.00000	999.00	999.0	999.0	999.0	999.0	999.0
43	587.00	.00000	999.00	999.0	999.0	999.0	999.0	999.0
43	588.00	.00000	642.12	9.423	.2607	1.347	-4.272	.3152
43	589.00	.00000	42.610	7.133	.1970-01	-4.580-01	-5.665	.8100-02
43	590.00	.00000	99.590	1.461	.4040-01	.380-01	-5.545	.1330-01
43	591.00	.00000	102.48	1.504	.4160-01	.8060-01	-5.538	.1450-01
43	592.00	.00000	483.95	7.102	.1965	.9755	-4.643	.2101
43	593.00	.00000	130.87	1.920	.5310-01	.1472	-5.472	.2690-01
43	594.00	.00000	95.650	1.404	.3880-01	.6450-01	-5.554	.1160-01
43	595.00	.00000	55.520	8.148	.2250-01	.2960-01	-5.649	.5200-02
43	596.00	.00000	62.120	.9116	.2520-01	.1410-01	-5.633	.2500-02
43	597.00	.00000	208.31	3.057	.8460-01	.3289	-5.290	.6220-01
43	598.00	.00000	92.270	1.354	.3750-01	.5660-01	-5.562	.1020-01
43	599.00	.00000	69.030	1.013	.2800-01	.2100-02	-5.617	.4000-03
43	600.00	.00000	84.790	1.244	.3440-01	.3910-01	-5.580	.7000-02
43	601.00	.00000	29.630	4.348	.1200-01	.9040-01	-5.709	.1580-01
43	602.00	.00000	29.790	4.372	.1210-01	.9000-01	-5.709	.1580-01

ORIGINAL FAX
OF POOR QUALITY

DATE 01 OCT 80

III. INTEGRATED VEHICLE PRESSURE DATA

1H11. MODEL 84-T. E.T. ATTACH HDWR

E.T. ATTACH HDMR

PAGE 2002
(RGIA13)

PARAMETRIC DATA

BETA = -5.000

ESTATE CONSIDERATIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	TO DEG R
43	2.989	.8997-02	X10 6 1.984	2458.	68.02	425.4	240.4

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P0	CP(1)	CP(SI)	CPI/SI
43	586.00	0.00000	999.00	999.0	999.0	999.0	999.0
43	587.00	0.00000	999.00	999.0	999.0	999.0	999.0
43	588.00	0.00000	99.580	1.464	4.050-01	74.20-01	-5.544
43	589.00	0.00000	42.860	.630	.1740-01	.5910-01	-5.678
43	590.00	0.00000	145.19	2.135	.5910-01	.1814	-5.437
43	591.00	0.00000	141.81	2.085	.1770-01	.1735	-5.445
43	592.00	0.00000	603.59	8.874	.2455	.1259	-4.360
43	593.00	0.00000	321.13	4.721	.1306	.5950	-5.024
43	594.00	0.00000	205.69	3.024	.8370-01	.3236	-5.295
43	595.00	0.00000	72.710	1.069	.2960-01	.1100-01	-5.607
43	596.00	0.00000	45.680	.6715	.1860-01	.5250-01	-5.671
43	597.00	0.00000	279.14	4.104	.1135	.4962	-5.122
43	598.00	0.00000	131.68	1.936	.5360-01	.1496	-5.469
43	599.00	0.00000	55.010	.8087	.2240-01	.3060-01	-5.649
43	600.00	0.00000	455.56	6.698	.1853	.9109	-4.077
43	601.00	0.00000	46.480	.6834	.1830-01	.5060-01	-5.669
43	602.00	0.00000	107.30	1.578	.4360-01	.9230-01	-5.526

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-T. E.T. ATTACH HDWR

E.T. ATTACH HDWR

PAGE 2003
(RIGHT 3)

PARAMETRIC DATA

BETA = -5.000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	PO PSFA	P PSFA	Q PSF	T0 DEG R
43	2.989	-4.938	1.986	2460.	68.06	425.7	240.3

TEST CONDITIONS

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CP(SI)
43	586.00	.00000	999.00	999.0	999.0	999.0	999.0	999.0
43	587.00	.00000	999.00	999.0	999.0	999.0	999.0	999.0
43	588.00	.00000	150.78	2.215	.6130-01	.1943	-.424	-.3580-01
43	589.00	.00000	46.280	.6800	.1880-01	.5120-01	-.670	.9000-02
43	590.00	.00000	191.94	2.820	.7800-01	.2310	-.328	-.5460-01
43	591.00	.00000	181.41	2.665	.7370-01	.2663	-.352	-.4970-01
43	592.00	.00000	847.87	12.45	.3447	.1.832	-.787	-.4837
43	593.00	.00000	703.42	10.34	.2859	.1.493	-.126	-.3617
43	594.00	.00000	337.27	4.956	.1.371	.6324	-.4.986	-.1268
43	595.00	.00000	93.470	1.373	.3800-01	.5970-01	-.5.559	-.1070-01
43	596.00	.00000	51.590	.7580	.2100-01	-.3870-01	-.6.657	.6800-02
43	597.00	.00000	339.52	4.989	.1.380	.6.377	-.4.981	-.1280
43	598.00	.00000	165.41	2.430	.6720-01	.2287	-.5.390	-.4240-01
43	599.00	.00000	71.200	1.046	.2890-01	.7400-02	-.5.611	-.1300-02
43	600.00	.00000	545.30	8.012	.2217	1.121	-.4.498	-.2493
43	601.00	.00000	61.230	.8997	.2490-01	-.1600-01	-.5.635	.2800-02
43	602.00	.00000	114.37	1.680	.4650-01	.1088	-.5.510	-.1970-01

TEST DATA

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-T. E.T. ATTACH HDWR

E.T. ATTACH HDWR

PAGE 2004
(RGIA13)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	T ₀ DEG R
42	3.512	-4.935	X10 6 1.845	3481.	44.89	387.5	210.5

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(S1)	CP(S1)
42	586.00	.00000	999.00	999.0	999.0	999.0	999.0	999.0
42	587.00	.00000	999.00	999.0	999.0	999.0	999.0	999.0
42	588.00	.00000	100.76	2.245	.2890-01	.1442	-.8.724	-.1650-01
42	589.00	.00000	32.580	.7259	.9400-02	-.3170-01	-.8.900	.3600-01
42	590.00	.00000	153.42	3.418	.4410-01	.2301	-.8.588	-.3260-01
42	591.00	.00000	151.82	3.382	.4360-01	.2760	-.8.592	-.3210-01
42	592.00	.00000	705.45	15.72	.2026	1.705	-.7.164	-.2380
42	593.00	.00000	556.23	12.39	.1598	1.320	-.7.549	-.1748
42	594.00	.00000	248.78	5.543	.7150-01	.5262	-.8.342	-.6310-01
42	595.00	.00000	68.840	1.534	.1980-01	.6180-01	-.8.806	-.7000-02
42	596.00	.00000	36.360	.8101	.1040-01	-.2200-01	-.8.890	.2500-02
42	597.00	.00000	274.43	6.114	.7880-01	.5924	-.8.276	-.7.160-01
42	598.00	.00000	120.22	2.678	.3450-01	.1944	-.8.674	-.2240-01
42	599.00	.00000	48.900	1.089	.1400-01	.1040-01	-.8.858	-.1200-02
42	600.00	.00000	442.86	9.867	.1272	1.027	-.7.841	-.1310
42	601.00	.00000	52.680	1.174	.1510-01	.2010-01	-.8.848	-.2300-02
42	602.00	.00000	77.120	1.718	.2220-01	.8320-01	-.8.785	-.9500-02

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-T, E.T. ATTACH HDWR

E.T. ATTACH HDWR

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P0 PSF	T0 DEG R
42	3.512	.6188-02	X10 6 1.841	3480.	44.87	397.4
						210.8

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(I) PSFA	P/I/P	P/I/PO	CP(I)	CP(SI)	CPI/SI
42	586.00	.00000	999.00	999.0	999.0	999.0	999.0	999.0
42	587.00	.00000	999.00	999.0	999.0	999.0	999.0	999.0
42	588.00	.00000	7.760	1.577	.2030-01	.6680-01	-8.800	.7600-02
42	589.00	.00000	26.250	.5850	.7500-02	-.4910-01	-8.915	.5400-02
42	590.00	.00000	1.09.16	2.433	.3140-01	.1559	-8.701	.1910-01
42	591.00	.00000	111.09	2.475	.3190-01	.1709	-8.696	.1970-01
42	592.00	.00000	435.87	9.713	.1253	1.009	-7.958	.1285
42	593.00	.00000	247.36	5.512	.7110-01	.5227	-8.344	.6260-01
42	594.00	.00000	140.15	3.123	.4030-01	.2459	-8.621	.2850-01
42	595.00	.00000	48.550	1.082	.1400-01	.9500-02	-8.858	.1100-02
42	596.00	.00000	30.190	.6729	.8700-02	-.3790-01	-8.905	.4300-02
42	597.00	.00000	217.50	4.847	.6250-01	.4456	-8.422	.5290-01
42	598.00	.00000	91.850	2.047	.2640-01	.1213	-8.746	.1390-01
42	599.00	.00000	36.310	.8092	.1040-01	-.2210-01	-8.689	.2500-02
42	600.00	.00000	395.63	8.816	.1137	.9055	-7.962	.1137
42	601.00	.00000	36.070	.8038	.1040-01	-.2270-01	-8.890	.2600-02
42	602.00	.00000	69.070	1.539	.480-01	.6250-01	-8.805	.7100-02

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IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-T, E.T. ATTACH HDWR

E.T. ATTACH HDWR

PAGE 2006
IRGIA131

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
42	3.512	5.023	1.838	3479.	44.87	387.3	211.1

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CP1/SI
42	586.00	.00000	999.00	999.0	999.0	999.0	999.0	999.0
42	587.00	.00000	999.00	999.0	999.0	999.0	999.0	999.0
42	588.00	.00000	333.78	7.438	.95590-01	.7459	-8.120	-.9190-01
42	589.00	.00000	27.790	.6194	.80000-02	-.4410-01	-8.911	.4900-02
42	590.00	.00000	58.360	1.301	.1680-01	.5480-01	-8.832	-.3900-02
42	591.00	.00000	75.410	1.681	.2170-01	.7880-01	-8.788	
42	592.00	.00000	306.59	6.832	.8810-01	.6757	-8.191	-.8250-01
42	593.00	.00000	69.460	1.548	.20000-01	.635-01	-8.803	-.7200-02
42	594.00	.00000	56.830	1.266	.1630-01	.3090-01	-8.836	-.3500-02
42	595.00	.00000	36.960	.8237	.1060-01	-.2040-01	-8.887	.2300-02
42	596.00	.00000	39.130	.8721	.1120-01	-.1480-01	-8.881	.1700-02
42	597.00	.00000	136.22	3.036	.3920-01	.2358	-8.630	-.2730-01
42	598.00	.00000	52.090	1.161	.1500-01	.1860-01	-8.848	-.2100-02
42	599.00	.00000	55.060	1.227	.1580-01	.2630-01	-8.840	-.3000-02
42	600.00	.00000	82.730	1.844	.2380-01	.9770-01	-8.769	
42	601.00	.00000	18.950	.4222	.5400-02	.6690-01	-8.933	.7500-02
42	602.00	.00000	17.900	.3989	.5100-02	-.6960-01	-8.936	.7800-02

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OF FOUR

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IH11 INTEGRATED VEHICLE PRESSURE DATA

E.T. ATTACH HDWR
E.T. ATTACH HDWR

PAGE 2007
IH11. MODEL 84-T. E.T. ATTACH HDWR
(RGIA14)

PARAMETRIC DATA

BETA = .00000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT ^{X10⁶}	PO PSFA	P PSFA	Q PSF	T DEG R
47	2.495	5.043	2.166	1952.	115.2	501.9	288.0

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CP(SI)
47	586.00	.00000	999.00	999.0	999.0	999.0	999.0	999.0
47	587.00	.00000	999.00	999.0	999.0	999.0	999.0	999.0
47	588.00	.00000	214.42	1.861	1.098	1.977	-3.462	-5.710-01
47	589.00	.00000	55.730	.4837	.2850-01	-.1185	-3.778	.3140-01
47	590.00	.00000	174.69	1.516	.8950-01	1.185	-3.541	-.3350-01
47	591.00	.00000	202.52	1.758	.1038	.1739	-3.486	-.4990-01
47	592.00	.00000	825.95	7.169	.4231	1.416	-2.244	-.6312
47	593.00	.00000	557.15	4.836	.2854	.8806	-2.779	-.3168
47	594.00	.00000	243.54	2.114	.1248	.2557	-3.404	-.7510-01
47	595.00	.00000	109.30	.9486	.5600-01	-.1180-01	-3.671	-.3200-02
47	596.00	.00000	133.18	1.156	.6820-01	.3580-01	-3.624	-.9900-02
47	597.00	.00000	268.31	2.329	.1375	.3050	-3.355	-.9090-01
47	598.00	.00000	163.43	1.418	.8370-01	.9610-01	-3.564	-.2700-01
47	599.00	.00000	198.66	1.724	.1018	.1663	-3.493	-.4760-01
47	600.00	.00000	433.92	3.766	.2223	.6350	-3.025	-.2099
47	601.00	.00000	87.900	.7629	.4500-01	-.5440-01	-3.714	-.1470-01
47	602.00	.00000	196.48	1.705	.1007	.1619	-3.498	-.4630-01

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PAGE 2008
 IH11 INTEGRATED VEHICLE PRESSURE DATA
 IH11, MODEL 84-T, E.T. ATTACH HWTR
 E.T. ATTACH HWTR
 PARAMETRIC DATA

BETA = .00000

TEST CONDITIONS

RUN NUMBER	MACH	AL DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	TO DEG R
47	2.495	-4.943	X10 ⁶ 2.159	1950.	115.1	501.4	288.5

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(I) PSFA	P(I)/P	P(I)/PO	CP(I)	CP(SI)	CP(I/SI)
47	586.00	.00000	999.00	999.0	999.0	999.0	999.0	999.0
47	587.00	.00000	999.00	999.0	999.0	999.0	999.0	999.0
47	588.00	.00000	349.86	3.039	1794	4682	-3.191	-1467
47	589.00	.00000	70.79n	.6149	.3630-01	.8940-01	-3.748	.2350-01
47	590.00	.00000	285.88	2.483	.1466	.5406	-3.319	-1026
47	591.00	.00000	277.04	2.407	.1421	.3229	-3.336	.9680-01
47	592.00	.00000	545.91	4.742	.2799	.8591	-2.800	.3068
47	593.00	.00000	805.21	6.995	.4129	1.376	-2.283	.6028
47	594.00	.00000	443.99	3.857	.2277	.6559	-3.004	.2184
47	595.00	.00000	127.77	1.110	.6550-01	.2520-01	-3.634	.6900-02
47	596.00	.00000	96.020	.8341	.4920-01	.3810-01	-3.698	.1030-01
47	597.00	.00000	58.35	5.050	.2981	.9298	-2.730	.3406
47	598.00	.00000	271.01	2.354	.1390	.3109	-3.349	.9680-01
47	599.00	.00000	149.72	1.301	.7680-01	.6900-01	-3.590	.1920-01
47	600.00	.00000	745.01	6.472	.3820	1.256	-2.403	.5227
47	601.00	.00000	118.61	1.030	.6080-01	.7000-02	-3.653	.1900-02
47	602.00	.00000	168.12	1.460	.8620-01	.1057	-3.554	.2970-01

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IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-1. E.T. ATTACH HDWR

E.T. ATTACH HDWR

PAGE 2009
(RG/AI4)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P PSFA	Q PSF	T ₀ DEG R
44	2.989	-4.938	1.986	2457.	67.97	425.2	240.1

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P ₁ PSFA	P ₁ /P	P ₁ /P ₀	CPI(1)	CPI(SI)	CPI/SI
44	586.00	.00000	999.00	999.0	999.0	999.0	999.0	999.0
44	587.00	.00000	999.00	999.0	999.0	999.0	999.0	999.0
44	588.00	.00000	182.36	2.683	.7420-01	.2690	-5.350	-5.30-01
44	589.00	.00000	47.560	.6998	.1940-01	.4800-01	-5.667	-8500-02
44	590.00	.00000	213.30	3.138	.8680-01	.3418	-5.277	-6460-01
44	591.00	.00000	205.75	3.027	.8370-01	.3240	-5.295	-6120-01
44	592.00	.00000	1413.1	16.82	.4653	2.529	-3.090	-8184
44	593.00	.00000	542.13	7.975	.2207	1.115	-4.503	-2476
44	594.00	.00000	288.46	4.244	.1174	.5186	-5.100	-1017
44	595.00	.00000	83.330	1.226	.3390-01	.3610-01	-5.583	-6500-02
44	596.00	.00000	67.820	.9977	.2760-01	.4000-03	-5.619	-1000-03
44	597.00	.00000	404.92	5.957	.1648	.7925	-4.826	-1642
44	598.00	.00000	180.75	2.659	.7360-01	.2653	-5.354	-4950-01
44	599.00	.00000	83.010	1.221	.3380-01	.3540-01	-5.583	-6300-02
44	600.00	.00000	605.87	8.913	.2466	1.265	-4.354	-2906
44	601.00	.00000	88.560	1.303	.3600-01	.4840-01	-5.570	-8700-02
44	602.00	.00000	103.91	1.529	.4230-01	.8450-01	-5.534	-1530-01

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IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-T. E.T. ATTACH HDWR

E.T. ATTACH HDWR

PAGE 2010
(RGIA14)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P PSFA	Q PSF	T ₀ DEG R
44	2.989	.3379-02	1.987	2455.	67.91	424.8	240.0

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P ₁ /P	P ₁ /P ₀	CP(I)	CP(SI)	CP(SI)
44	586.00	.00000	999.00	999.0	999.0	999.0	999.0	999.0
44	587.00	.00000	999.00	999.0	999.0	999.0	999.0	999.0
44	588.00	.00000	206.19	3.036	.8400-01	.3255	-5.293	-6150-01
44	589.00	.00000	40.710	.5995	.1660-01	-.6400-01	-5.683	-1130-01
44	590.00	.00000	156.79	2.309	.6390-01	.2092	-5.410	-3870-01
44	591.00	.00000	175.70	2.587	.7160-01	.2537	-5.365	-4730-01
44	592.00	.00000	801.87	11.81	.3267	1.728	-3.891	-4440
44	593.00	.00000	262.17	3.860	.1068	.4573	-5.161	-8860-01
44	594.00	.00000	176.02	2.592	.7170-01	.2545	-5.364	-4740-01
44	595.00	.00000	83.990	1.237	.3420-01	.3780-01	-5.581	-6800-02
44	596.00	.00000	92.520	1.362	.3770-01	.5790-01	-5.561	-1040-01
44	597.00	.00000	185.11	2.726	.7540-01	.2759	-5.343	-5160-01
44	598.00	.00000	118.18	1.740	.4810-01	.1183	-5.500	-2150-01
44	599.00	.00000	122.68	1.806	.5000-01	.1289	-5.490	-2350-01
44	600.00	.00000	437.38	6.440	.1782	.8697	-4.749	-1831
44	601.00	.00000	56.480	8.316	.2300-01	.2690-01	-5.646	-4800-02
44	602.00	.00000	87.930	1.295	.35580-01	.4710-01	-5.572	-8500-02

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IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-1. E.T. ATTACH HDWR
E.T. ATTACH HDWR

PAGE 2011
(RGIA14)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	TO DEG R
44	2.989	5.026	X10 6 1.986	2457.	67.98	425.2	240.2

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	CP(1)	CP(SI)	CPI/SI
44	586.00	.00000	999.00	999.0	999.0	999.0	999.0
44	587.00	.00000	999.00	999.0	999.0	999.0	999.0
44	588.00	.00000	112.50	1.655	.4580-01	.1047	-5.514
44	589.00	.00000	27.750	4.082	.1130-01	.9460-01	-1.900-01
44	590.00	.00000	109.53	1.611	.4460-01	.5770-01	-5.713
44	591.00	.00000	129.23	1.901	.5260-01	.1441	-5.521
44	592.00	.00000	526.32	7.743	.2142	1.078	-1.770-01
44	593.00	.00000	383.42	5.641	.1561	.7419	-5.475
44	594.00	.00000	156.89	2.308	.6390-01	.2091	-4.877
44	595.00	.00000	54.520	.8021	.2220-01	.3160-01	-1.521
44	596.00	.00000	48.570	.7146	.1980-01	.4560-01	-3870-01
44	597.00	.00000	157.05	2.310	.6390-01	.2095	-5.650
44	598.17	.00000	98.590	1.450	.4010-01	.7230-01	-5.664
44	599.00	.00000	114.67	1.687	.4670-01	.1098	-5.409
44	600.00	.00000	303.65	4.467	.1236	.5543	-1.300-01
44	601.00	.00000	59.590	.8766	.2430-01	.1970-01	-5.509
44	602.00	.00000	115.48	1.699	.4700-01	.1117	-1.990-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA
 IH11, MODEL 84-T, E.T. ATTACH HDWR
 (RGIA14)

E.T. ATTACH HDWR

PARAMETRIC DATA

BETA * .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P ₀ PSF	TO DEG R
41	3.512	5.040	1.859	3483.	44.88	387.6

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P ₁₁ PSF A	P ₁ /P	P ₁ /P ₀	CP(11)	CP(S1)	CP1/S1
41	586.00	.00000	999.00	999.0	999.0	999.0	999.0	999.0
41	587.00	.00000	999.00	999.0	999.0	999.0	999.0	999.0
41	588.00	.00000	107.36	2.392	.3080-01	.1612	.8.711	-.1850-01
41	589.00	.00000	21.970	4895	.6300-02	-.5910-01	.8.931	.6600-02
41	590.00	.00000	78.410	1.747	.6250-01	.6.650-01	.8.786	-.9800-02
41	591.00	.00000	99.800	2.224	.6860-01	.1417	-.8.730	-.1620-01
41	592.00	.00000	440.29	9.810	1.264	1.020	-.7.852	-.1299
41	593.00	.00000	271.61	6.052	.7800-L	.5850	-.8.287	-.7060-01
41	594.00	.00000	98.-.0	2.195	.2830-01	.1384	-.8.734	-.1580-01
41	595.00	.00000	39.180	.8729	.1120-01	-.1470-01	.8.887	.1700-02
41	596.00	.00000	31.540	.7027	.9100-02	-.3440-01	-.8.907	.3900-02
41	597.00	.00000	103.58	2.308	.2970-01	.1514	-.8.721	-.1740-01
41	598.00	.00000	63.340	1.416	.1820-01	.4810-01	-.8.824	-.5500-02
41	599.00	.00000	80.420	1.792	.2310-01	.9170-01	-.8.781	-.1140-01
41	600.00	.00000	29.966	5.563	.7170-01	.5284	-.8.344	-.6330-01
41	601.00	.00000	38.370	.8550	.1100-01	-.1680-01	-.8.889	.1900-02
41	602.00	.00000	66.670	1.485	.1910-01	.5620-01	-.8.816	-.6400-02

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IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-T. E.T. ATTACH HDWR

E.T. ATTACH HDWR

PAGE 2013
(RGIA14)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	TO DEG R
41	3.512	.1462-01	X10 6 1.852	3480.	44.86	387.3	209.9

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(SI)	CPI/SI
41	586.00	.00000	999.00	999.0	999.0	999.0	999.0	999.0
41	587.00	.00000	999.00	999.0	999.0	999.0	999.0	999.0
41	588.00	.00000	171.02	3.812	.4910-01	.3257	-8.544	-.3810-01
41	589.00	.00000	30.510	.6801	.8800-02	-.7710-01	-8.907	.4200-02
41	590.00	.00000	117.13	2.611	.3371-01	.1866	-8.684	-.2150-01
41	591.00	.00000	136.19	3.036	.3910-01	.2358	-8.634	-.2730-01
41	592.00	.00000	637.58	14.21	.1832	.1.530	-7.340	-.2085
41	593.00	.00000	220.16	4.908	.6330-01	.4526	-8.418	-.5380-01
41	594.00	.00000	120.43	2.685	.3460-01	.1951	-8.675	-.2250-01
41	595.00	.00000	56.890	1.268	.1630-01	.3110-01	-8.839	-.3500-02
41	596.00	.00000	67.830	1.512	.1950-01	.5930-01	-8.811	-.6700-02
41	597.00	.00000	121.07	2.699	.3480-01	.1968	-8.673	-.2270-01
41	598.00	.00000	79.330	1.768	.2280-01	.8900-01	-8.781	-.1010-01
41	599.00	.00000	94.050	2.096	.2700-01	.1270	-8.743	-.1450-01
41	600.00	.00000	350.29	7.808	.1006	.7886	-8.082	-.9760-01
41	601.00	.00000	41.930	9.347	.1200-01	-.7600-02	-8.878	.9000-03
41	602.00	.00000	54.960	1.225	.1580-01	.2610-01	-8.844	-.2900-02

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IHII INTEGRATED VEHICLE PRESSURE DATA
IHII, MODEL 84-T, E.T. ATTACH HDWR

E.T. ATTACH HDWR

PAGE 2015
(RGIA15)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	T0 DEG R
46	2.494	-4.949	X10.6 2.157	1946.	114.9	500.4	288.3

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CPI/SI
46	586.00	.00000	999.00	999.0	999.0	999.0	999.0	999.0
46	587.00	.00000	999.00	999.0	999.0	999.0	999.0	999.0
46	588.00	.00000	383.82	3.341	1972	5375	-3.122	-1.722
46	589.00	.00000	89.380	.7780	4590-01	-5100-01	-3.710	-1.370-01
46	590.00	.00000	302.26	2.631	1553	1745	-3.285	-1.140
46	591.00	.00000	283.77	2.470	1458	3375	-3.322	-1.016
46	592.00	.00000	1037.0	9.027	5329	1.843	-1.816	-1.015
46	593.00	.00000	522.71	4.550	.2686	.8151	-2.844	-2.866
46	594.00	.00000	352.21	3.066	.1810	.4743	-3.185	-1.489
46	595.00	.00000	122.83	1.069	.6310-01	.1590-01	-3.644	-4400-02
46	596.00	.00000	114.87	.9999	.5900-01	.0000	-3.659	.0000
46	597.00	.00000	725.47	6.315	.3728	1.220	-2.439	-50013
46	598.00	.00000	177.04	1.541	.9100-01	.1242	-3.535	-3510-01
46	599.00	.00000	237.44	2.067	.1220	.2449	-3.414	-7170-01
46	600.00	.00000	565.90	4.926	.2908	.9014	-2.758	-3269
46	601.00	.00000	109.08	.9495	.5610-01	-.1160-01	-3.671	3200-02
46	602.00	.00000	173.10	1.507	.8900-01	.1164	-3.543	-3280-01

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IHII INTEGRATED VEHICLE PRESSURE DATA
IHII, MODEL 84-T. E.T. ATTACH HDWR

E.T. ATTACH HDWR

PAGE 2016
(RGIA15)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
46	2.495	.8997-02	X10 ⁶ 2.166	1952.	115.2	501.8	288.0

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(SI)	CPI/SI
46	586.00	.00000	999.00	999.0	999.0	999.0	999.0	999.0
46	587.00	.00000	999.00	999.0	999.0	999.0	999.0	999.0
46	588.00	.00000	314.75	2.732	161.3	.3977	-3.262	-.1219
46	589.00	.00000	67.960	.5899	.3480-01	.9410-01	-3.754	.2510-01
46	590.00	.00000	285.01	2.474	.1460	.1384	-3.321	-.1019
46	591.00	.00000	283.40	2.460	.1452	.3352	-3.325	-.1008
46	592.00	.00000	90.022	7.814	.4612	.1.564	-2.095	.7466
46	593.00	.00000	708.57	6.151	.3631	.1.183	-2.477	.4773
46	594.00	.00000	303.74	2.637	.1556	.3757	-3.284	-.1144
46	595.00	.00000	110.97	.9633	.5690-01	-.8400-02	-3.668	.2300-02
46	596.00	.00000	134.28	1.166	.6880-01	.3800-01	-3.622	-.1050-01
46	597.00	.00000	413.55	3.590	.2119	.5945	-3.065	.1940
46	598.00	.00000	125.36	1.088	.6420-01	.2020-01	-3.639	.5600-02
46	599.00	.00000	191.68	1.664	.9820-01	.1524	-3.507	.4350-01
46	600.00	.00000	477.46	4.145	.2446	.7219	-2.938	.2457
46	601.00	.00000	103.01	.8942	.5280-01	-.2430-01	-3.684	.6600-02
46	602.00	.00000	209.28	1.817	.1072	.1875	-3.472	-.5400-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-T. E.T. ATTACH HDWR

E.T. ATTACH HDWR

PAGE 2017
(REG1A15)

PARAMETRIC DATA

BETA = 5.000

RUN NUMBER	MACH	ALPHA DEG.	TEST CONDITIONS***		
			RN/FT /FT X10 ⁶	P _C PSFA	P _{SF} PSFA
46	2.495	5.040	2.167	1952.	115.2

TEST DATA

RUN NUMBER	TAP NO	DUMMY	TEST DATA***		
			P(1) PSFA	P1/P	P1/PO
46	586.00	.00000	999.00	999.0	999.0
46	587.00	.00000	999.00	999.0	999.0
46	588.00	.00000	226.11	1.963	.2210
46	589.00	.00000	56.230	.4881	.2880-01
46	590.00	.00000	181.75	1.578	.9310-01
46	591.00	.00000	229.49	1.992	.1326
46	592.00	.00000	1222.5	10.61	.1176
46	593.00	.00000	567.40	4.925	.6263
46	594.00	.00000	312.50	2.712	.2907
46	595.00	.00000	69.650	.6046	.1601
46	596.00	.00000	59.610	.5174	.3570-01
46	597.00	.00000	67.480	.5857	.3050-01
46	598.00	.00000	115.22	1.000	.7460-01
46	599.00	.00000	190.84	1.656	.5900-01
46	600.00	.00000	613.76	5.327	.9780-01
46	601.00	.00000	98.020	.8508	.1507
46	602.00	.00000	138.28	1.200	.3144
					.5020-01
					.3430-01
					.9934
					.4600-01
					.4600-01
					.3.614
					-.1270-01

RUN NUMBER	MACH	ALPHA DEG.	TEST DATA***		
			RN/FT /FT X10 ⁶	P _C PSFA	P _{SF} PSFA
46	2.495	5.040	2.167	1952.	115.2

RUN NUMBER	MACH	ALPHA DEG.	TEST DATA***		
			RN/FT /FT X10 ⁶	P _C PSFA	P _{SF} PSFA
46	2.495	5.040	2.167	1952.	115.2

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-T. E.T. ATTACH HOUR

E.T. ATTACH HOUR

BETA = 5.000

PARAMETRIC DATA

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	PN/FT X10 ⁶	P ₀ PSF A	P ₀ PSF	TO DEG R
46	2.495	.2585-01	2.166	1953.	115.3	288.1

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P ₁ /P	CP(1)	CP(SI)	CP(SI)
46	586.00	.00000	999.00	999.0	999.0	999.0	999.0
46	587.00	.00000	999.00	999.0	999.0	999.0	999.0
46	588.00	.00000	271.93	2.359	1.392	-3.348	-9.320-01
46	589.00	.00000	68.170	.5913	.3490-01	-9.380-01	.2500-01
46	590.00	.00000	225.93	1.960	.1157	.2203	-3.439
46	591.00	.00000	250.86	2.176	.1284	.2700	-3.390
46	592.00	.00000	1129.8	9.800	.5784	2.020	-1.640
46	593.00	.00000	395.12	3.427	.2023	.5572	-3.103
46	594.00	.00000	274.42	2.380	.1405	.3169	-3.353
46	595.00	.00000	127.67	1.107	.6540-01	.2470-01	-3.635
46	596.00	.00000	146.57	1.271	.7500-01	.6230-01	-3.597
46	597.00	.00000	313.66	2.721	.1606	.3950	-3.265
46	598.00	.00000	189.11	1.640	.9680-01	.1470	-3.513
46	599.00	.00000	185.01	1.605	.9470-01	.1388	-3.521
46	600.00	.00000	623.36	5.409	.3192	1.012	-2.648
46	601.00	.00000	86.100	1.7468	.4410-01	.5810-01	-3.718
46	602.00	.00000	174.47	1.513	.8930-01	.1178	-3.542

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-T. E.T. ATTACH HDWR

E.T. ATTACH HDWR

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(RGIA15)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	P0 PSFA	P PSFA	Q PSF	TO DEG R
45	2.989	5.023	1.986	2456.	67.94	425.0	240.1

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(S1)	CP1/S1
45	586.00	.00000	999.00	999.0	999.0	999.0	999.0	999.0
45	587.00	.00000	999.00	999.0	999.0	999.0	999.0	999.0
45	588.00	.00000	122.96	1.883	.5210-01	.1412	-5.477	-2580-01
45	589.00	.00000	34.050	.5012	.1390-01	-.7970-01	-5.698	-1400-01
45	590.00	.00000	103.92	1.529	.4230-01	.E460-01	-5.534	-1530-01
45	591.00	.00000	157.86	2.323	.6430-01	.2116	-5.407	-3910-01
45	592.00	.00000	1057.1	15.56	4.305	2.327	-3.291	-7072
45	593.00	.00000	399.61	5.882	.1627	.7804	-4.838	-1613
45	594.00	.00000	205.62	3.026	.8370-01	.3240	-5.295	-6120-01
45	595.00	.00000	42.250	.6219	.1720-01	-.6040-01	-5.679	-1060-01
45	596.00	.00000	31.720	.4669	.1290-01	-.8620-01	-5.704	-1490-01
45	597.00	.00000	36.550	.5379	.1490-01	-.7390-01	-5.692	-1300-01
45	598.00	.00000	55.920	.8231	.2280-01	-.2830-01	-5.647	-5000-02
45	599.00	.00000	116.38	1.713	.4740-01	.1140	-5.505	-2070-01
45	600.00	.00000	401.06	5.903	.1633	.7838	-4.835	-1621
45	601.00	.00000	57.210	.8420	.2330-01	-.2530-01	-5.644	-4500-02
45	602.00	.00000	68.460	1.008	.2790-01	.1200-02	-5.617	-2000-03

ON CLOUD 1000
ON FLOOR 0000

E.T. ATTACH HDWR

BETA = 5.000

PARAMETRIC DATA

•••TEST CONDITIONS•••						
RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P ₀ PSF A	P ₀ PSF	TO DEG R
45	2.989	.1742-01	1.985	2454.	67.91	424.7 240.1
•••TEST DATA•••						
RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P ₁ /P ₀	CP(1)	CP(SI)
45	586.00	.00000	999.00	999.0	999.0	999.0
45	587.00	.00000	999.00	999.0	999.0	999.0
45	588.00	.00000	220.91	3.253	.9000-01	.3602
45	589.00	.00000	43.510	.6407	.1770-01	-5.740-01
45	590.00	.00000	204.83	3.016	.8350-01	-5.676
45	591.00	.00000	197.36	2.906	.8040-01	-5.296
45	592.00	.00000	677.40	9.975	.2760	-5.314
45	593.00	.00000	537.45	7.914	.2190	-4.184
45	594.00	.00000	168.50	2.481	.6870-01	-4.3430
45	595.00	.00000	68.670	1.011	.2800-01	-4.513
45	596.00	.00000	90.290	1.330	.3680-01	-2449
45	597.00	.00000	269.94	5.448	.1507	-5.382
45	598.00	.00000	82.250	1.211	.3350-01	-4.400-01
45	599.00	.00000	115.45	1.700	.4700-01	-3000-03
45	600.00	.00000	317.13	4.670	.1292	-5.617
45	601.00	.00000	70.040	1.031	.2850-01	-9000-03
45	602.00	.00000	135.14	1.990	.5510-01	-2900-01

DATE 01 OCT 80

IHI INTEGRATED VEHICLE PRESSURE DATA

IHI. MODEL 84-T. E.T. ATTACH HDWR

E.T. ATTACH HDWR

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P0 PSFA	0 PSF	TO DEG R
45	2.989	-4.952	X10 6 1.987	2456.	67.94	425.0	240.0

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(S1)	CPI/SI
45	586.00	.00000	999.00	999.0	999.0	999.0	999.0	999.0
45	587.00	.00000	999.00	999.0	999.0	999.0	999.0	999.0
45	588.00	.00000	335.97	4.945	1.368	.6307	-4.988	-.1264
45	589.00	.00000	63.620	9363	.2590-01	-.1020-01	5.629	.1800-02
45	590.00	.00000	214.91	3.163	.8750-01	.5458	-.5273	-.6560-01
45	591.00	.00000	214.99	3.164	.8750-01	.3460	-.5273	-.6560-01
45	592.00	.01000	948.56	1.3.96	.3863	2.072	-3.547	-.5843
45	593.00	.00000	305.73	4.500	.1245	.5595	5.059	-.1106
45	594.00	.00000	214.91	3.163	.8750-01	.3458	-.5273	-.6560-01
45	595.00	.00000	76.810	1.131	.3150-01	.2090-01	-.5.598	-.3700-02
45	596.00	.00000	74.550	1.097	.3040-01	.1560-01	5.603	-.2800-02
45	597.00	.00000	575.51	8.471	.2344	1.194	4.424	-.2699
45	598.00	.00000	125.47	1.847	.5110-01	.1354	5.483	-.2470-01
45	599.00	.00000	157.81	2.323	.6430-01	.2115	5.407	-.3910-01
45	600.00	.00000	423.08	6.227	.1723	.8357	4.783	-.1747
45	601.00	.00000	72.790	1.071	.2960-01	.1140-01	5.607	-.2000-02
45	602.00	.00000	97.800	1.440	.3980-01	.7030-01	5.549	-.1270-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-T. E.T. ATTACH HOUR

E.T. ATTACH HOUR

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(REGIA15)

E.T. ATTACH HOUR

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	T0 DEG R
40	3.513	-4.949	X10 6 1.886	3481.	44.79	387.0	207.0

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CPI/SI
40	586.00	.00000	999.00	999.0	999.0	999.0	999.0	999.0
40	587.00	.00000	999.00	999.0	999.0	999.0	999.0	999.0
40	588.00	.00000	223.28	4.985	.6410-01	.4612	-.8.418	-.5480-01
40	589.00	.00000	44.790	1.000	.1290-01	.0000	-.8.880	.0000
40	590.00	.00000	153.28	3.422	.4400-01	.2304	-.8.599	-.3260-01
40	591.00	.00000	171.25	3.823	.4920-01	.3268	-.8.553	-.3820-01
40	592.00	.00000	592.99	13.24	.1704	1.417	-.7.463	-.1898
40	593.00	.00000	235.68	5.262	.6770-01	.4933	-.8.396	-.5880-01
40	594.00	.00000	129.52	2.892	.3720-01	.2190	-.8.661	-.2530-01
40	595.00	.00000	50.020	1.117	.1440-01	.1350-01	-.8.866	-.1500-02
40	596.00	.00000	50.430	1.120	.1450-01	.1460-01	-.8.865	-.1600-02
40	597.00	.00000	480.87	10.74	.1381	1.127	-.7.753	-.1454
40	598.00	.00000	91.260	2.038	.2620-01	.1201	-.8.759	-.1370-01
40	599.00	.00000	113.57	2.536	.3260-01	.1778	-.8.702	-.2040-01
40	600.00	.00000	304.55	6.800	.8750-01	.6713	-.8.208	-.8180-01
40	601.00	.00000	50.670	1.131	.1460-01	.1520-01	-.8.864	-.1700-02
40	602.00	.00000	65.970	1.473	.1900-01	.5470-01	-.8.825	-.6200-02

PARAMETRIC DATA

DATE 01 OCT 80

IHI I INTEGRATED VEHICLE PRESSURE DATA

IHI I, MODEL 84-T. E.T. ATTACH HDWR

E.T. ATTACH HDWR

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P ₀ PSF A	P ₀ PSF A	⁰ PSF	⁰ DEG R
40	3.512	.6188-02	1.864	3481.	44.85	387.3	208.9

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P ₁₁ PSFA	P ₁ /P	P ₁ /P ₀	CPI(1)	CPI(SI)	CPI(SI)
40	586.00	.00000	999.00	999.0	999.0	999.0	999.0	999.0
40	587.00	.00000	999.00	999.0	999.0	999.0	999.0	999.0
40	588.00	.00000	150.99	3.357	4.340-01	.2741	-8.599	-3190-01
40	589.00	.00000	32.650	7.282	9.400-02	-.150-01	-8.905	-3500-02
40	590.00	.00000	160.63	3.582	4.610-01	.2390	-8.575	-3490-01
40	591.00	.00000	152.44	3.399	4.380-01	.2778	-8.596	-3230-01
40	592.00	.00000	552.43	12.32	15.87	1.311	-7.563	-1733
40	593.00	.00000	292.22	6.516	8.390-01	.6387	-8.235	-7760-01
40	594.00	.00000	137.17	3.059	.3940-01	.2384	-8.635	-2760-01
40	595.00	.00000	36.910	.8231	.1060-01	.2050-01	-8.894	-2300-02
40	596.00	.00000	61.010	1.350	.1750-01	.4170-01	-8.832	-4700-02
40	597.00	.00000	297.77	6.640	.8550-01	.6530	-8.220	-7940-01
40	598.00	.00000	59.730	1.332	.1720-01	.3840-01	-8.835	-4300-02
40	599.00	.00000	78.770	1.756	.2260-01	.8760-01	-8.786	-1000-01
40	600.00	.00000	226.35	5.047	.6500-01	.4686	-8.405	-5580-01
40	601.00	.00000	43.340	.9664	.1240-01	.3900-02	-8.877	-4000-03
40	602.00	.00000	77.560	1.730	.2230-01	.8450-01	-8.769	-9600-02

DATE 01 OCT 80

IHII- INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-T. E.T. ATTACH HDWR

E.T. ATTACH HDWR

BETA = 5.000

PARAMETRIC DATA

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P ₀ PSFA	P PSFA	Q PSF	TO DEG R
40	3.512	5.040	1.859	3483.	44.88	387.5	209.4

TEST CONDITIONS

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(SI)	CP(SI)
40	586.00	.00000	999.00	999.0	999.0	999.0	999.0	999.0
40	587.00	.00000	999.00	999.0	999.0	999.0	999.0	999.0
40	588.00	.00000	84.920	1.892	.2440-01	.1033	-.8.769	-.1180-01
40	589.00	.00000	22.410	1.4994	.6400-02	-.5800-01	-.8.930	.6500-02
40	590.00	.00000	65.640	1.463	.1880-01	.5360-01	-.8.819	-.6100-02
40	591.00	.00000	119.22	2.657	.3420-01	.1919	-.8.680	-.2210-01
40	592.00	.00000	618.87	13.79	.1777	.1481	7.391	.2004
40	593.00	.00000	275.57	6.141	.7910-01	.5953	-.8.277	-.7190-01
40	594.00	.00000	142.36	3.172	.4090-01	.2516	-.8.621	-.2920-01
40	595.00	.00000	25.140	.5603	.7200-02	-.5090-01	8.923	.5700-02
40	596.00	.00000	20.240	.4511	.5800-02	-.6360-01	-.8.936	-.7100-02
40	597.00	.00000	17.110	.3813	.4900-02	-.7170-01	-.8.944	.8000-02
40	598.00	.00000	29.320	.6534	.8400-02	-.4010-01	8.912	.4500-02
40	599.00	.00000	91.510	2.039	.2630-01	.1203	8.752	-.1370-01
40	600.00	.00000	244.48	5.448	.7020-01	.5151	8.357	-.6160-01
40	601.00	.00000	30.610	.6820	.8800-02	-.3680-01	8.909	.4100-02
40	602.00	.00000	38.720	.8629	.1110-01	-.1590-01	8.888	.1800-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, TOTAL PRESS RAKE

TOTAL PRESS. RAKE

PAGE 2025
RGIP011

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P ₀ PSF A	TO DEG R
3	2.495	-5.000	2.160	1945.	114.8	500.1
						287.8

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSF A	P1/P	P1/PO	CP(1)	CP(SI)	CP(SI)
3	201.00	.00000	1101.4	9.504	.5663	1.973	-1.686	-1.170
3	202.00	.00000	516.10	4.495	.2654	.8025	-2.857	-2.209
3	203.00	.00000	438.42	3.819	.2254	.6472	-3.012	-2.148
3	204.00	.00000	1215.6	10.59	.6250	2.201	-1.458	-1.509
3	205.00	.00000	1194.7	10.41	.6143	2.160	-1.500	-1.440

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, TOTAL PRESS RAKE

TOTAL PRESS. RAKE

PAGE 2026
(RGIP01)

PARAMETRIC DATA

BETA = -5.000

*** TEST CONDITIONS ***

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P ₀ PSFA	Q PSF	TO DEG R
3	2.495	.4009-02	2.160	1946.	114.9	500.3	288.0

*** TEST DATA ***

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P ₁ /P	P ₁ /P ₀	CP(1)	CP(SI)	CPI/SI
3	201.00	.00000	1094.7	9.530	.5626	1.958	-1.701	-1.151
3	202.00	.00000	555.36	4.835	.2854	.8805	-2.779	-3.168
3	203.00	.00000	578.97	5.041	.2976	.9277	-2.732	-3.396
3	204.00	.00000	514.20	4.477	.2643	.7982	-2.861	-2.790
3	205.00	.00000	1202.4	10.47	.6180	2.174	-1.486	-1.463

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-OTS, TOTAL PRESS RAKE

TOTAL PRESS. RAKE

PARAMETRIC DATA

BETA = -5.000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P ₀ PSFA	P PSFA	Q PSF	T ₀ DEG R
3	2.495	5.016	2.161	1946.	114.9	500.3	287.9

TEST CONDITIONS

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P ₁ /P	P ₁ /P ₀	CP(1)	CP(SI)	CP(SI)
3	201.00	.00000	1082.4	9.424	.5563	1.934	-1.725	-1.121
3	202.00	.00000	1215.5	10.58	.6247	2.200	-1.459	-1.508
3	203.00	.00000	433.09	3.771	.62226	.6361	-3.023	-.2104
3	204.00	.00000	444.16	3.867	.6283	.6583	-3.001	-.2193
3	205.00	.00000	1221.2	10.63	.6277	2.212	-1.448	-1.527

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, TOTAL PRESS RAKE

TOTAL PRESS. RAKE

PAGE 2028
(RGIP01)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
9	2.989	5.010	X10 6 1.966	2449.	67.80	424.0	241.5

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(SI)	CP1/SI
9	201.00	.00000	960.25	14.16	.3921	2.105	-3.512	-.5995
9	202.00	.00000	1137.5	16.78	.4645	2.523	-3.094	-.8156
9	203.00	.00000	1157.5	17.07	.4726	2.570	-3.046	-.8439
9	204.00	.00000	432.41	6.378	.1766	.8500	-4.757	-.1808
9	205.00	.00000	1175.4	17.34	.4800	2.613	-3.004	-.8697

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-OTS. TOTAL PRESS RAKE

TOTAL PRESS. RAKE

BETA = -5.000

•••TEST CONDITIONS•••

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P ₀ PSF A	P ₀ PSF	TO DEG R
9	2.989	-4.988	X10.6 1.987	2451. 67.80	424.1	239.6

•••TEST DATA•••

RUN NUMBER	TAP NO	DUMMY	P ₁ P _{SFA}	P ₁ /P ₀	CP(1)	CP(SI)	CP1/SI
9	201.00	.00000	911.13	13.44	.3718	1.989	-3.630
9	202.00	.00000	1186.6	17.50	.4842	2.638	-.5478
9	203.00	.00000	1183.4	17.45	.4829	2.631	-.8852
9	204.00	.00000	1212.2	17.88	.4947	2.599	-.8804
9	205.00	.00000	1100.6	16.23	.4491	2.436	-.9242
							-.7651

PARAMETRIC DATA

PAGE 2029
(RGIP011)

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-0TS. TOTAL PRESS RAKE

TOTAL PRESS. RAKE

PAGE 2030
(RGIP01)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	TO DEG R
9	2.989	.1397-01	X10 6 1.986	2449.	67.75	423.8	239.6

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(S1)	CP1/S1
9	201.00	.00000	935.99	13.82	.3822	2.049	-3.570	-.5739
9	202.00	.00000	507.16	7.486	.2071	1.037	-4.582	-.2263
9	203.00	.00000	536.95	7.925	.2193	1.107	-4.512	-.2454
9	204.00	.00000	478.89	7.058	.1956	.9702	-4.649	-.2087
9	205.00	.00000	1098.8	16.22	.4487	2.433	-3.186	-.7637

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-0TS. TOTAL PRESS RAKE

TOTAL PRESS. RAKE

PAGE 2031
(RGIP01)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P ₀ PSFA	P ₀ PSFA	α TO DEG R
9	2.989	4.983	X10 ⁶ 1.986	2451.	67.82	424.2 239.8

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CPI/SI
9	201.00	.00000	969.36	14.15	.3914	2.102	-3.517	.5976
9	202.00	.00000	1138.2	16.78	.4643	2.523	-3.095	-.8152
9	203.00	.00000	1155.3	17.03	.4713	2.564	-3.055	-.8791
9	204.00	.00000	1232.2	18.17	.5027	2.745	-2.874	-.9552
9	205.00	.00000	1175.4	17.33	.4795	2.611	-3.008	-.8682

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DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-OTS, TOTAL PRESS RAKE
TOTAL PRESS. RAKE

PAGE 2032
(RGIP01)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P0 PSF A	P PSF A	Q PSF	TO DEG R
6	3.510	-4.970	1.808	3477.	44.92	387.5	213.7

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(I) PSF A	P1/P	P1/P0	CP(I)	CP(SI)	CP(SI)
6	201.00	.00000	818.28	18.22	.2353	1.996	-6.862	-.2909
6	202.00	.00000	1217.7	27.11	.3502	3.027	-5.831	-.5190
6	203.00	.00000	1186.6	26.41	.3412	2.946	-5.912	-.4984
6	204.00	.00000	450.31	10.02	.1295	1.046	-7.812	-.1339
6	205.00	.00000	1166.9	25.98	.3356	2.395	-5.962	-.4856

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

TOTAL PRESS. RAKE
RUN NUMBER

PAGE 2033
(RG/P01)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P ₀ PSF A	P ₀ PSF A	α PSF	TO DEG R
6	3.510	- .5379-01	X10 6 1.804	3476.	44.91	387.4	213.9

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/P0	CPI(1)	CPI(SI)	CPI/SI
6	201.00	.00000	840.88	18.72	.2419	2.055	-6.302	-.3021
6	202.00	.00000	1152.7	25.67	.3316	2.859	-5.998	-.4768
6	203.00	.00000	520.99	11.60	.1499	1.229	-7.628	-.1611
6	204.00	.00000	556.47	12.39	.1601	1.321	-7.537	-.1752
6	205.00	.00000	1011.3	22.52	.2909	2.495	-6.362	-.3921

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-OTS. TOTAL PRESS RAKE

TOTAL PRESS. RAKE

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P PSF A	Q PSF	TO DEG R
6	3.510	5.024	1.804	3474	44.89	387.2	213.9

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSF A	P ₁ /P ₀	CP(1)	CP(SI)	CP1/SI
6	201.00	.00000	879.05	19.58	.2530	2.154	-6.703
6	202.00	.00000	1125.7	25.08	.3240	2.791	-6.066
6	203.00	.00000	1126.9	25.10	.3243	2.794	-6.063
6	204.00	.00000	444.31	9.898	.1279	1.031	-7.826
6	205.00	.00000	1123.4	25.03	.3233	2.785	-6.072

PARAMETRIC DATA

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-OTS. TOTAL PRESS RAKE

TOTAL PRESS. RAKE

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	TO DEG R
2	2.495	5.028	2.160	1945.	114.8	500.2	287.8

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(SI)	CPI/SI
2	201.00	.00000	1107.5	9.645	.5694	1.985	-1.675	-1.185
2	202.00	.00000	490.89	4.275	.2524	.7519	-2.908	-.2586
2	203.00	.00000	525.57	4.577	.2702	.8212	-2.838	-.2893
2	204.00	.00000	515.61	4.490	.2651	.8013	-2.858	-.2804
2	205.00	.00000	441.05	3.841	.2267	.6523	-3.007	-.2169

PARAMETRIC DATA

DATE: 10/25/80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII, MODEL 84-OTS, TOTAL PRESS RAKE

TOTAL PRESS. RAKE

PAGE 2036
(RG1P02)

PARAMETRIC DATA

BETA = .0000

•••TEST CONDITIONS•••

RN/FT	/FT	P ₀	P	Q	T ₀
X10 ⁶		PSFA	PSFA	PSF	DEG R
2.160		1946.	114.9	500.3	288.0

•••TEST DATA•••

RUN	MACH	ALPHA	P ₁	P ₁ /P ₀	CP(I)	CP(SI)	CPI/SI
NUMBER		DEG.	PSFA				
2	2.495	-.2788-01	1182.5	10.30	.6078	2.134	-1.525
			530.70	4.621	.2728	.8312	-2.828
			551.60	4.803	.2835	.8730	-2.787
			535.49	4.662	.2752	.8408	-2.819
			1228.3	10.69	.6313	2.226	-1.434

DATE 01 OCT 80

IH1. INTEGRATED VEHICLE PRESSURE DATA

IH1.1. MODEL 84-OTS. TOTAL PRESS RAKE

TOTAL PRESS. RAKE

PAGE 2037

(RG1P02)

PARAMETRIC DATA

BETA = .00000

•••TEST CONDITIONS•••

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
2	2.495	-4.996	2.162	1946.	114.9	500.4	287.8

•••TEST DATA•••

RUN NUMBER	TAP NO	DUMMY	P(1) PSF A	P1/P	P1/P0	CP(1)	CP(SI)	CPI/SI
2	201.00	.00000	1155.8	10.06	.5939	2.080	-1.579	-1.317
2	202.00	.00000	441.19	3.840	.2267	.6521	-3.007	-.2168
2	203.00	.00000	511.39	4.452	.2628	.7924	-2.867	-.2764
2	204.00	.00000	529.55	4.610	.2721	.8287	-2.831	-.2927
2	205.00	.00000	442.15	3.849	.2272	.6540	-3.005	-.2176

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DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-0TS. TOTAL PRESS RAKE
(RGIP02)

TOTAL PRESS. RAKE

PARAMETRIC DATA

BETA = .0000

*** TEST CONDITIONS ***

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	TO DEG R
8	2.989	5.010	1.990	2453.	67.87	424.6	239.6

*** TEST DATA ***

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(SI)	CP1/SI
8	201.00	.00000	955.14	14.07	.3893	2.090	-3.529	-.5922
8	202.00	.00000	1220.6	17.98	.4975	2.715	-2.904	-.9349
8	203.00	.00000	504.14	7.428	.2055	1.028	-4.591	-.2238
8	204.00	.00000	512.81	7.555	.2090	1.048	-4.571	-.2293
8	205.00	.00000	448.78	6.612	.1829	.8372	-4.722	-.1900

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IHI1. MODEL 84-OTS, TOTAL PRESS RAKE
TOTAL PRESS. RAKE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	TO DEG R
8	2.989	.1397-01	X10.6 1.988	2451.	67.81	424.2	239.6

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P1(P) PSFA	P1/P0	CP(I)	CP(SI)	CP/I(SI)
8	201.00	.00000	1059.9	15.63	.4324	2.339	-3.280
8	202.00	.00000	497.05	7.330	.2028	1.012	-4.607
8	203.00	.00000	537.32	7.924	.2192	1.107	-2.197
8	204.00	.00000	577.74	8.520	.2357	1.202	-4.512
8	205.00	.00000	1133.4	16.71	.4624	2.512	-2.253

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-OTS. TOTAL PRESS RAKE

TOTAL PRESS. RAKE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P ₀ PSFA	P ₀ PSFA	Q ₀ PSF	T ₀ DEG R
8	2.989	-5.000	1.985	2448.	67.75	423.7	239.7

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P ₁ /P	P ₁ /P ₀	CP(1)	CP(SI)	CP(SI)
8	201.00	.00000	1050.4	15.50	.4290	2.319	-3.299	-.7028
8	202.00	.00000	1168.6	17.25	.4773	2.598	-3.020	-.8602
8	203.00	.00000	468.88	6.921	.1915	.9467	-4.672	-.2026
8	204.00	.00000	510.52	7.536	.2085	1.045	-4.574	-.2285
8	205.00	.00000	1183.2	17.47	.4833	2.633	-2.986	-.8816

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-OTS, TOTAL PRESS RAKE

TOTAL PRESS. RAKE

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P PSF A	Q PSF	TO DEG R
5	3.511	5.008	1.812	3479.	44.93	387.6	213.4

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSF A	P ₁ /P	P ₁ /P ₀	C _P (1)	C _P (SI)	C _P (SI)
5	201.00	.00000	881.80	19.63	.2535	2.159	-6.700	-.3223
5	202.00	.00000	1172.7	26.10	.3371	2.910	-5.949	-.4891
5	203.00	.00000	518.71	11.55	.1491	1.222	-7.637	-.1601
5	204.00	.00000	641.02	14.27	.1843	1.538	-7.321	-.2101
5	205.00	.00000	651.47	14.50	.1873	1.565	-7.294	-.2145

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-OTS. TOTAL PRESS RAKE

TOTAL PRESS. RAKE

PAGE 2042
(RGIP02)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P PSF A	Q PSF	TO DEG R
5	3.510	.1597-01	1.807	34.78.	44.93	387.6	213.8

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSF A	P ₁ /P	CP(1)	CP(SI)	CPI/SI
5	201.00	.00000	977.82	21.76	.2811	2.407	-6.451
5	202.00	.00000	513.21	11.42	.1476	1.208	-7.650
5	203.00	.00000	571.02	12.71	.1642	1.357	-7.500
5	204.00	.00000	594.57	13.23	.1709	1.418	-7.440
5	205.00	.00000	560.80	12.48	.1612	1.331	-7.527

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-OTS. TOTAL PRESS RAKE

TOTAL PRESS. RAKE

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P ₀ PSF A	P ₀ PSF A	TO DEG R
5	3.510	-4.962	X10 6 1.807	3478.	44.94	387.6 213.8

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P ₁ /P ₀	P ₁ /P ₀	CP(1)	CP(SI)	CP(1/SI)	
5	201.00	.00000	1096.4	24.40	.3152	2.713	-6.145	-.4414
5	202.00	.00000	1226.9	27.30	.3527	3.049	-5.809	-.5249
5	203.00	.00000	624.49	13.90	.1795	1.495	-7.363	-.2031
5	204.00	.00000	697.73	15.53	.2006	1.584	-7.174	-.2348
5	205.00	.00000	1169.3	26.02	.3362	2.901	-5.957	-.4869

PAGE 2043
(RGIP02)

PARAMETRIC DATA

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-OTS. TOTAL PRESS RAKE

TOTAL PRESS. RAKE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P ₀ PSF A	P PSFA	α PSF	TO DEG R
1	2.495	-4.988	2.191	1946.	114.8	500.2	285.0

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSF A	P ₁ /P	P ₁ /P ₀	CP(1)	CP(SI)	CP(SI)	CP(SI)
1	201.00	.00000	1135.9	9.894	.5837	2.041	-1.619	-1.261	
1	202.00	.00000	532.10	4.635	.2734	.8342	-2.826	-2.2951	
1	203.00	.00000	562.63	4.901	.2891	.8952	-2.766	-3.2337	
1	204.00	.00000	527.16	4.592	.2709	.8243	-2.836	-2.2906	
1	205.00	.00000	1217.6	10.61	.6257	2.204	-1.456	-1.514	

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-OTS. TOTAL PRESS RAKE

TOTAL PRESS. RAKE

BETA = 5.000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	TO DEG R
1	2.494	-1193.01	2.155	1945.	114.8	500.2	288.4

RUN NUMBER	TAP NO	DUMMY	P(I) PSFA	P1/P	P1/P0	CP(I)	CP(SI)	CPI/SI
1	201.00	.00000	1160.7	10.11	.5967	2.091	-1.568	-1.333
1	202.00	.00000	532.82	4.640	.2739	.8356	-2.824	-.2959
1	203.00	.00000	545.99	4.754	.2807	.8620	-2.797	-.3081
1	204.00	.00000	543.51	4.733	.2794	.8570	-2.802	-.3058
1	205.00	.00000	451.67	3.933	.2322	.6734	-2.986	-.2255

PARAMETRIC DATA

PAGE 2045
(RGIP03)

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-OTS, TOTAL PRESS RAKE

TOTAL PRESS. RAKE

BETA = 5.000

PARAMETRIC DATA

PAGE 2046
(RG1P03)

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P ₀ PSF A	Q PSF	TO DEG R
1	2.495	5.028	2.160	1946.	114.9	500.4	287.9

TEST CONDITIONS

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	CP(1)	CP(SI)	CPI/SI	
1	201.00	.00000	1160.1	10.10	.5962	2.089	-1.571	-1.330
1	202.00	.00000	534.96	4.657	.2749	.8396	-2.820	-.2977
1	203.00	.00000	560.95	4.883	.2883	.8915	-2.768	-.3221
1	204.00	.00000	542.61	4.724	.2788	.8549	-2.805	-.3048
1	205.00	.00000	442.95	3.856	.2276	.6557	-3.004	-.2183

TEST DATA

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-OTS, TOTAL PRESS RAKE

TOTAL PRESS. RAKE

PAGE 2047
(RG1P03)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	PO PSFA	P PSFA	Q PSF	TO DEG R
7	2.990	-4.961	2.024	2451.	67.74	423.9	236.4

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CP(SI)
7	201.00	.00000	1030.2	15.21	.4203	2.270	-3.352	-.6773
7	202.00	.00000	461.80	6.817	.1884	.9295	-4.693	-.1981
7	203.00	.00000	530.49	7.831	.2164	1.092	-4.531	-.2409
7	204.00	.00000	532.82	7.866	.2174	1.097	-4.525	-.2424
7	205.00	.00000	1218.3	17.98	.4970	2.714	-2.908	-.9331

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII, MODEL 84-0TS, TOTAL PRESS RAKE

TOTAL PRESS. RAKE

PAGE 2048
(RGIP03)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P PSF A	Q PSF	TO DEGR
7	2.990	-.3186-01	2.017	2453.	67.80	424.2	237.1

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(I) PSF A	P _I /P	P _I /P ₀	CP(I)	CP(SI)	CP(SI)
7	201.00	.00000	1063.7	15.69	.4337	2.347	-3.274	-7.7169
7	202.00	.00000	490.03	7.228	.1998	.9953	-4.627	-.2151
7	203.00	.00000	530.54	7.825	.2163	1.091	-4.531	-.2407
7	204.00	.00000	536.08	7.907	.2186	1.104	-4.518	-.2443
7	205.00	.00000	470.83	6.945	.1920	.5500	-4.672	-.2034

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IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-OTS, TOTAL PRESS RAKE

TOTAL PRESS. RAKE

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
7	2.989	4.993	X10 6 1.997	2452.	67.81	424.2	238.9

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CPI/SI
7	201.00	.00000	1049.4	15.48	.4280	2.314	-3.306	.7000
7	202.00	.00000	483.53	7.131	.1972	.9800	-4.640	-.2112
7	203.00	.00000	527.91	7.785	.2153	1.085	-4.535	-.2392
7	204.00	.00000	527.58	7.780	.2152	1.084	-4.536	-.2390
7	205.00	.00000	456.43	6.731	.1862	.5161	-4.704	-.1948

PARAMETRIC DATA

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(RGIP03)

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IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS. TOTAL PRESS RAKE

TOTAL PRESS. RAKE

PAGE 2050
(RG1P03)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P ₀ PSFA	P PSFA	Q PSF	TO DEG R
7	2.989	4.984	1.997	2452.	67.83	424.3	238.9

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CPI/SI
7	201.00	.00000	1041.5	15.35	.4247	.2995	-3.325	.6901
7	202.00	.00000	486.65	7.175	.1984	.9870	-4.633	.2131
7	203.00	.00000	529.39	7.805	.2159	1.088	-4.532	.2400
7	204.00	.00010	528.19	7.787	.2154	1.085	-4.535	.2392
7	205.00	.00000	458.20	6.755	.1868	.5200	-4.700	.1958

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DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-OTS. TOTAL PRESS RAKE

TOTAL PRESS. RAKE

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT $\times 10^{-6}$	P ₀ PSF	P PSF	Q PSF	TO DEG R
4	3.511	-4.970	1.813	3478.	44.91	387.5	213.2

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(SI)	CP1/SI
4	201.00	.00000	1008.7	.2246	.2901	2.487	-6.372	-.3904
4	202.00	.00000	510.65	.1137	.1468	1.202	-7.657	-.1570
4	203.00	.00000	617.08	.1374	.1774	1.477	-7.383	-.2000
4	204.00	.00000	692.19	.1541	.1990	1.571	-7.189	-.2324
4	205.00	.00000	678.29	.1510	.1950	1.635	-7.225	-.2263

PARAMETRIC DATA

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(RGIP03)

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IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, TOTAL PRESS RAKE

TOTAL PRESS. RAKE

PAGE 2052
(RG)P03)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	PO PSFA	P PSFA	Q PSF	TO DEG R
4	3.511	-.1970-02	1.808	3479.	44.94	387.7	213.7

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CP(SI)
4	201.00	.00000	1037.2	23.08	.2931	2.560	-6.299	-.4064
4	202.00	.00000	566.44	12.60	.1628	1.345	-7.513	-.1791
4	203.00	.00000	607.58	13.52	.1746	1.451	-7.407	-.1960
4	204.00	.00000	647.92	14.42	.1862	1.555	-7.303	-.2130
4	205.00	.00000	667.20	14.85	.1918	1.605	-7.253	-.2213

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IHI1 INTEGRATED VEHICLE PRESSURE DATA

IHI1, MODEL 84-OTS, TOTAL PRESS RAKE

TOTAL PRESS. RAKE

PARAMETRIC DATA

PAGE 2053
(RG1P03)

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEGR
4	3.510	5.002	1.807	3478.	44.93	387.6	213.7

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(S1)	CP1/S1
4	201.00	.00000	1014.8	22.59	.2918	2.502	-0.355	.3937
4	202.00	.00000	543.58	12.10	.1563	1.287	-7.571	.1699
4	203.00	.00000	598.92	13.33	.1722	1.429	-7.429	.1924
4	204.00	.00000	644.54	14.35	.1853	1.547	-7.311	.2116
4	205.00	.00000	698.04	15.54	.2007	1.685	-7.173	.2349

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IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-0TS. TOTAL PRESS RAKE

TOTAL PRESS. RAKE

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P PSF A	Q PSF	TO DEG R
10	2.495	4.998	2.162	1949.	115.0	501.1	288.0

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSF A	P1/P	P1/PO	CPI(1)	CPI(SI)	CPI(SI)
10	201.00	.00000	1082.1	9.407	.5553	1.930	-1.730	-1.116
10	202.00	.00000	1215.9	10.57	.6240	2.197	-1.463	-1.502
10	203.00	.00000	434.74	3.779	.2231	.6381	-3.021	-.2112
10	204.00	.00000	442.13	3.843	.2269	.6528	-3.007	-.2271
10	205.00	.00000	1224.7	10.65	.6285	2.215	-1.445	-1.533

PARAMETRIC DATA

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(RGIP04)

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IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, TOTAL PRESS RAKE

TOTAL PRESS. RAKE

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(RGIP04)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P ₀ PSFA	Q PSF	TO DEG R
10	2.495	.1995-01	2.168	1950.	115.1	501.2	287.6

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(I) PSFA	P ₁ /P	P ₁ /P ₀	CP(I)	CP(SI)	CP(SI)
10	201.00	.00000	1098.5	9.546	.5635	1.962	-1.698	-1.155
10	202.00	.00000	549.81	4.778	.2820	.8673	-2.792	-.3106
10	203.00	.00000	577.63	5.020	.2963	.9228	-2.737	-.3372
10	204.00	.00000	509.22	4.425	.2612	.7863	-2.873	-.2736
10	205.00	.00000	1203.5	10.46	.6173	2.171	-1.488	-1.459

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IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, TOTAL PRESS RAKE

TOTAL PRESS. RAKE

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(RG IPO4)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P PSFA	Q PSF	TO DEG R
10	2.495	-4.990	2.166	1948.	115.0	501.0	287.7

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P ₁ (1) PSFA	P ₁ /P	P ₁ /P ₀	CP(1)	CP(SI)	CPI/SI
10	201.00	.00000	1102.6	9.587	.5659	1.971	-1.688	-1.168
10	202.00	.00000	502.71	4.371	.2580	.7739	-2.886	-.2682
10	203.00	.00000	434.93	3.782	.2232	.6396	-3.021	-.2114
10	204.00	.00000	1213.0	10.55	.6226	2.192	-1.468	-1.493
10	205.00	.00000	1184.8	10.30	.6081	2.136	-1.524	-1.401

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IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-OTS, TOTAL PRESS RAKE

TOTAL PRESS. RAKE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
11	2.495	-5.014	X10 6 2.163	1948.	115.0	501.0	287.9

TEST DATA

RUN NUMBER	TAP NO.	DUMMY	P(1) PSF A	P ₁ /P ₀	CP(1)	CP(S1)	CPI/SI	
11	201.00	.00000	1154.1	10.03	.5923	2.074	-1.586	-1.308
11	202.00	.00000	438.98	3.817	.2253	.6467	-3.013	-.2146
11	203.00	.00000	508.50	4.421	.2610	.7855	-2.874	-.2733
11	204.00	.00000	530.92	4.616	.2725	.8302	-2.829	-.2934
11	205.00	.00000	437.86	3.807	.2247	.8444	-3.015	-.2137

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IH11 INTEGRATED VEHICLE PRESSURE DATA
IHM11, MODEL 84-OTS, TOTAL PRESS RAKE

TOTAL PRESS. RAKE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	TO DEG R
11	2.495	.1198-01	X10 ⁶ 2.166	1948.	115.0	500.8	287.5

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(SI)	CPI/SI
11	201.00	.00000	1185.1	10.31	.6085	2.137	-1.523	-1.403
11	202.00	.00000	530.33	4.613	.2723	.8294	-2.830	-2.2931
11	203.00	.00000	551.35	4.796	.2831	.8714	-2.788	-3.125
11	204.00	.00000	538.03	4.680	.2762	.8448	-2.815	-3.001
11	205.00	.00000	1225.3	10.66	.6291	2.217	-1.443	-1.537

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IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, TOTAL PRESS RAKE

TOTAL PRESS. RAKE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P ₀ PSFA	P ₀ PSFA	0 PSF	TO DEG R
11	2.495	4.990	X10 ⁶ 2.165	1949.	115.0	501.0	287.8

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P ₁ /P PSFA	P ₁ /P ₀	CP(1)	CP(S1)	CP1/S1
11	201.00	.000000	1109.2	9.643	.5692	1.984	-1.676
11	202.00	.000000	487.04	4.234	.2499	.7425	-2.917
11	203.00	.000000	521.44	4.533	.2676	.8111	-2.845
11	204.00	.000000	517.10	4.495	.2654	.8025	-2.857
11	205.00	.000000	134.64	3.779	.2230	.6379	-3.022

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IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-OTS. TOTAL PRESS RAKE

TOTAL PRESS. RAKE

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(RGIP06)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	PO PSFA	P PSFA	Q PSF	TO DEG R
12	2.495	5.022	2.166	1948.	115.0	501.0	287.7

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CPI/SI
12	201.00	.00000	1159.4	10.08	.5951	2.085	-1.575	-1.324
12	202.00	.00000	533.31	4.628	.2732	.8330	-2.827	-.2947
12	203.00	.00000	556.56	4.839	.2857	.8614	-2.778	-.3172
12	204.00	.00000	538.33	4.681	.2763	.8450	-2.815	-.3002
12	205.00	.00000	43C.33	3.794	.2239	.E+14	-3.018	-.2125

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IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-OTS, TOTAL PRESS RAKE

TOTAL PRESS. RAKE

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	R TO DEG R
12	2.495	.3590-01	X10.6 2.163	1947.	114.9	500.7	287.8

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(SI)	CPI/SI
12	201.00	.00000	1163.8	10.12	.5977	2.095	-1.565	-1.339
12	202.00	.00000	529.52	4.607	.2719	.8281	-2.832	-.2924
12	203.00	.00000	544.39	4.736	.2796	.8577	-2.802	-.3061
12	204.00	.00000	540.53	4.703	.2776	.8500	-2.810	-.3025
12	205.00	.00000	445.25	3.874	.2287	.6397	-3.000	-.2199

PARAMETRIC DATA

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(RGIP06)

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IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-0TS, TOTAL PRESS RAKE

TOTAL PRESS. RAKE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P ₀ PSF A	Q TO DEG R
12	2.495	-4.990	2.164	1947.	114.9	500.7
					287.7	

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P ₁ (1) PSF A	P ₁ /P	P ₁ /P ₀	CPI(1)	CPI(SI)	CPI(SI)
12	201.00	.00000	1139.6	9.914	.5852	2.046	-1.613	-1.269
12	202.00	.00000	528.56	4.599	.2714	.8261	-2.833	-2.2916
12	203.00	.00000	562.35	4.892	.2888	.8936	-2.766	-3.3231
12	204.00	.00000	531.21	4.622	.2728	.8314	-2.828	-2.2940
12	205.00	.00000	1198.6	10.43	.6155	2.164	-1.495	-1.448

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IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-01. TOTAL PRESS RAKE

TOTAL PRESS. RAKE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P ₀ PSF A	P PSF A	Q PSF	TO DEG R
21	2.495	-4.975	X10 ⁶ 2.159	1946.	115.0	500.9	288.3

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSF A	P ₁ /P	P ₁ /P ₀	C _P (1)	C _P (S1)	C _P (SI)
21	201.00	.00000	163.29	1.420	.8380-01	.9640-01	-3.563	-.2710-01
21	202.00	.00000	259.20	2.254	.1331	.2879	-3.372	-.8540-01
21	203.00	.00000	373.43	3.247	.1917	.5159	-3.144	-.1641
21	204.00	.00000	465.89	4.051	.2392	.7005	-2.959	-.2367
21	205.00	.00000	504.05	4.383	.2587	.767	-2.883	-.2694

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IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-01, TOTAL PRESS RAKE

TOTAL PRESS. RAKE

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(RGIP07)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P ₀ PSF A	P ₀ PSF	Q TO DEG R
21	2.495	.9998-02	2.160	1948.	115.0	500.9
						288.2

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P ₁ (1) PSF A	P ₁ /P	P ₁ /P ₀	CP(1)	CP(S1)	CP(S1)
21	201.00	.00000	169.09	1.470	.8680-01	.1080	-3.551	-.3040-01
21	202.00	.00000	273.33	2.377	.1403	.3161	-3.343	-.9450-01
21	203.00	.00000	398.96	3.459	.2048	.5669	-3.093	-.1833
21	204.00	.00000	515.10	4.479	.2644	.7988	-2.861	-.2792
21	205.00	.00000	562.20	4.889	.2886	.8328	-2.767	-.3227

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IHII INTEGRATED VEHICLE PRESSURE DATA
IHII, MODEL 84-0T, TOTAL PRESS RAKE

TOTAL PRESS. RAKE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	TO DEG R
21	2.495	4.971	X10 6 2.162	1949.	115.0	501.1	288.0

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CPI/SI
21	201.00	.00000	165.36	1.437	.8490-01	.1004	-3.559	-.2820-01
21	202.00	.00000	271.35	2.359	.1392	.3120	-3.348	-.9320-01
21	203.00	.00000	403.95	3.512	.2073	.5766	-3.083	-.1870
21	204.00	.00000	508.89	4.424	.2611	.7960	-2.874	-.2735
21	205.00	.00000	567.42	4.933	.2912	.5029	-2.757	-.3275

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IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-01, TOTAL PRESS RAKE

TOTAL PRESS. RAKE

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(RG1P07)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
16	2.989	5.018	1.975	2455.	67.94	424.9	241.0

TEST DATA

RUN NUMBER	TAP NO	DUMMY	F'(1) FSFA	P1/P	P1/P0	CP(1)	CP(SI)	CPI/SI
16	201.00	.00000	94.360	1.389	.3840-01	.6220-01	-5.555	-.1120-01
16	202.00	.00000	167.84	2.470	.6840-01	.2351	-5.382	-.4370-01
16	203.00	.00000	252.43	3.715	1.028	.4342	-5.183	-.8380-01
16	204.00	.00000	323.65	4.764	.1318	.8018	-5.016	-.1200
16	205.00	.00000	368.24	5.420	.1500	.7067	-4.911	-.1439

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IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-01. TOTAL PRESS RAKE

TOTAL PRESS. RAKE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	P0 /PSF A	P /PSF A	Q PSF	TO DEG R
16	2.989	.1597-01	1.971	2451.	67.85	424.3

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) /PSF A	P1/P0	CPI(1)	CPI(SI)	CPI/SI
16	201.00	.00000	97.710	1.440	.3990-01	-5.547	-1.1270-01
16	202.00	.00000	166.26	2.450	.6780-01	.2319	.5.385
16	203.00	.00000	244.63	3.605	.9980-01	.4.666	.4.310-01
16	204.00	.00000	322.43	4.752	.1315	.6000	.5.201
16	205.00	.00000	370.38	5.459	.1511	.1130	.5.017
							.1196
							.11454

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IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-01. TOTAL PRESS RAKE

TOTAL PRESS. RAKE

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(RGIP07)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P PSF A	Q PSF	TO DEG R
16	2.989	-5.000	1.979	2455.	67.94	424.9	240.6

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(I) PSF A	P ₁ /P	P ₁ /P ₀	CPI(I)	CPI(SI)	CPI(SI)
16	201.00	.00000	94.960	1.398	.3870-01	.63360-01	-5.554	-.1140-01
16	202.00	.00000	171.54	2.525	.6990-01	.2438	-5.374	-.4540-01
16	203.00	.00000	252.62	3.718	.1029	.4346	-5.183	-.8360-01
16	204.00	.00000	328.71	4.838	.1339	.6137	-5.004	-.1226
16	205.00	.00000	353.33	5.200	.1439	.6716	-4.946	-.1358

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IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-01, TOTAL PRESS RAKE

TOTAL PRESS. RAKE

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P ₀ PSFA	P PSFA	Q PSF	T ₀ DEG R
15	3.511	-5.022	1.828	3478.	44.88	387.3	211.9

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CP1/SI
15	201.00	.00000	62.110	1.384	.1790-01	.4450-01	-8.819	-5.000-02
15	202.00	.00000	123.33	2.748	.3550-01	.2025	-8.661	-.2340-01
15	203.00	.00000	186.63	4.159	.53370-01	.3660	-8.498	-.4310-01
15	204.00	.00000	237.17	5.285	.6820-01	.4965	-8.367	-.5930-01
15	205.00	.00000	266.09	5.929	.7650-01	.5711	-8.292	-.6890-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-01, TOTAL PRESS RAKE

TOTAL PRESS. RAKE

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(RGIP07)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RN/FT	PO	P	TO
/FT	PSFA	PSFA	DEG R
X10 ⁶			
1.827	3481.	44.92	387.7
			212.1

TEST DATA

RUN	TAP NO	DUMMY	P(1)	P1/P	P1/PO	CP(1)	CP(S1)	CPI/SI
NUMBER			PSFA					
15	201.00	.00000	64.180	1.429	.840-01	.4970-01	-8.814	-.5600-02
15	202.00	.00000	116.19	2.586	.3340-01	.1838	-8.680	-.2120-01
15	203.00	.00000	171.06	3.807	.4910-01	.3252	-8.538	-.3810-01
15	204.00	.00000	227.75	5.070	.6540-01	.4716	-8.392	-.5620-01
15	205.00	.00000	261.75	5.827	.7520-01	.593	-8.304	-.6740-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-0T, TOTAL PRESS RAKE

TOTAL PRESS. RAKE

PARAMETRIC DATA

BETA = -5.000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P ₀ PSFA	P PSFA	Q PSF	TO DEG R
15	3.511	4.983	1.827	3478.	44.88	387.3	212.0

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CP1/SI
15	201.00	.00000	61.660	1.374	.1770-01	.4330-01	-8.820	-.4900-02
15	202.00	.00000	116.60	2.598	.3350-01	.1852	-8.678	-.2130-01
15	203.00	.00000	177.01	3.944	.5090-01	.3411	-8.522	-.4000-01
15	204.00	.00000	231.38	5.155	.6650-01	.4815	-8.382	-.5740-01
15	205.00	.00000	266.61	5.940	.7670-01	.5725	-8.291	-.6900-01

DATE 01 OCT 80

IH1) INTEGRATED VEHICLE PRESSURE DATA
IH1), MODEL 84-01, TOTAL PRESS RAKE

TOTAL PRESS. RAKE

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(RGIP08)

PARAMETRIC DATA

BETA = .00000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P ₀ PSF A	T ₀ DEG R
20	2.495	4.967	2.165	1950.	115.1	501.4
						287.9

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSF A	P ₁ /P	P ₁ /P ₀	CP(1)	CP(SI)	CPI/SI
20	201.00	.00000	215.49	1.872	1.1105	.2002	-3.460	-.5790-01
20	202.00	.00000	375.99	3.266	.1928	.5203	-3.139	-.1657
20	203.00	.00000	564.46	4.904	.2895	.8962	-2.764	-.3243
20	204.00	.00000	673.77	5.654	.3455	1.114	-2.545	-.4377
20	205.00	.00000	681.24	5.919	.3494	1.129	-2.530	-.4462

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-0T, TOTAL PRESS RAKE

TOTAL PRESS. RAKE

BETA = .0000

		TEST CONDITIONS					
RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P ₀ PSF A	P ₀ PSF	Q PSF	TO DEG R
20	2.495	.7995-02	2.161	1949.	115.0	501.0	288.2
		TEST DATA					
RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P ₁ /P ₀	P ₁ /P ₀	CP(1)	CP(SI)
20	201.00	.00000	224.04	1.348	.1150	.2176	-3.442
20	202.00	.00000	373.22	3.245	.1915	.5153	-3.144
20	203.00	.00000	563.26	4.897	.2891	.8946	-2.765
20	204.00	.00000	698.29	6.070	.3583	1.164	-2.495
20	205.00	.00000	712.04	6.190	.3654	1.191	-2.468

PARAMETRIC DATA

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(RGIP08)

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-01, TOTAL PRESS RAKE

TOTAL PRESS. RAKE

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(RG/P08)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P PSFA	Q PSF	T ₀ DEG R
20	2.495	-4.953	2.163	1949.	115.1	501.2	288.0

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(I) PSFA	P ₁ /P	P ₁ /P ₀	CP(I)	CP(SI)	CP(SI)
20	201.00	.00000	224.71	1.953	.1153	.2187	-3.441	-.6360-01
20	202.00	.00000	407.56	3.542	.2091	.5836	-3.076	-.1897
20	203.00	.00000	570.32	4.956	.2926	.9083	-2.751	-.3301
20	204.00	.00000	627.38	5.452	.3218	1.022	-2.637	-.3875
20	205.00	.00000	644.50	5.601	.3306	1.056	-2.603	-.4057

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII, MODEL 84-OT, TOTAL PRESS RAKE

TOTAL PRESS. RAKE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P PSF A	Q PSF	T ₀ DEG R
17	2.989	-5.010	1.982	2455.	67.94	425.0	240.5

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(S1)	CP1/S1
17	201.00	.00000	132.28	1.947	.5390-01	.1514	-5.467	-.2770-01
17	202.00	.00000	252.17	3.711	.1027	.4335	-5.185	-.8350-01
17	203.00	.00000	368.93	5.430	.1502	.7083	-.910	-.1442
17	204.00	.00000	424.93	6.254	.1731	.8400	-.778	-.1758
17	205.00	.00000	447.86	6.591	.1824	.8340	-.724	-.1692

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-01, TOTAL PRESS RAKE

TOTAL PRESS. RAKE

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(RGIP08)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	PO PSFA	P PSFA	Q PSF	TO DEG R
17	2.989	-.3186-01	1.983	2455.	67.94	425.0	240.3

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CP1/S1
17	201.00	.00000	130.41	1.919	.5310-01	.1470	-5.471	-.2690-01
17	202.00	.00000	233.79	3.441	.9520-01	.3903	-5.228	-.7460-01
17	203.00	.00000	352.67	5.191	.1436	.6700	-4.948	-.1354
17	204.00	.00000	453.39	6.673	.1846	.9070	-4.711	-.1925
17	205.00	.00000	487.39	7.174	.1985	.5871	-.4.631	-.2131

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-0T, TOTAL PRESS RAKE

TOTAL PRESS. RAKE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P ₀ PSF A	P PSF A	Q PSF	TO DEG R
17	2.989	4.975	1.985	2456.	67.95	425.0	240.2

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(S1)	CP1/S1
17	201.00	.00000	129.48	1.905	.5270-01	.1448	-5.474	-.2640-01
17	202.00	.00000	246.21	3.623	.1002	.4194	-5.199	-.8070-01
17	203.00	.00000	371.46	5.466	.1512	.7141	-4.905	-.1456
17	204.00	.00000	457.88	6.738	.1864	.9174	-4.701	-.1951
17	205.00	.00000	488.35	7.187	.1988	.5891	-4.629	-.2137

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DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-01. TOTAL PRESS RAKE

TOTAL PRESS. RAKE

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P ₀ PSF A	TO DEG R
14	3.512	5.022	1.839	3479.	44.87	387.3
						211.0

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSF A	P(1)/P ₀	CPI(I)	CPI(SI)	CPI/SI
14	201.00	.00000	92.970	2.072	.2670-01	.1242	-.8.742
14	202.00	.00000	184.90	4.121	.5320-01	.3616	-.8.505
14	203.00	.00000	279.08	6.220	.8020-01	.6048	-.8.262
14	204.00	.00000	350.20	7.805	.1007	.7884	-.8.078
14	205.00	.00000	383.55	8.549	.1103	.6745	-.7.992

PARAMETRIC DATA

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(RGIP08)

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IHII INTEGRATED VEHICLE PRESSURE DATA
IHII, MODEL 84-0T. TOTAL PRESS RAKE

TOTAL PRESS. RAKE

BETA = .0000

PARAMETRIC DATA

TEST CONDITIONS							
RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P ₀ PSF A	0 PSF	TO DEG R
14	3.512	.2394-01	1.837	3477.	44.84	387.1	211.1
TEST DATA							
RUN NUMBER	TAP NO	DUMMY	P ₁ (1) PSF A	P ₁ /P	P ₁ /P ₀	CP(1)	CP(S1)
14	201.00	.00000	94.460	2.106	.2720-01	.1282	-.8.738
14	202.00	.00000	177.28	3.953	.5100-01	.3421	-.8.524
14	203.00	.00000	265.00	5.909	.7620-01	.5688	-.8.297
14	204.00	.00000	345.00	7.693	.9920-01	.7754	-.8.091
14	205.00	.00000	379.89	8.471	.1093	.6556	-.8.000

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-01, TOTAL PRESS RAKE

TOTAL PRESS. RAKE

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(RGIP08)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	P ₀ PSFA	P PSFA	Q PSF	T ₀ DEG R
14	3.511	-4.983	1.831	3478.	44.87	387.3	211.6

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(SI)	CPI/SI
14	201.00	.00000	93.300	2.079	.2680-01	.1250	-8.739	-.1430-01
14	202.00	.00000	184.43	4.110	.5300-01	.3603	-8.504	-.4240-01
14	203.00	.00000	269.69	6.010	.7750-01	.5805	-8.284	-.7010-01
14	204.00	.00000	332.86	7.418	.9570-01	.7436	-8.121	-.9160-01
14	205.00	.00000	363.32	8.096	.1045	.6223	-8.042	-.1022

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-0T, TOTAL PRESS RAKE

TOTAL PRESS. RAKE

PARAMETRIC DATA

BETA = 5.000

		TEST CONDITIONS				***TEST DATA***			
RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P PSFA	Q PSF	CPI(SI)	CPI(SI)	
19	2.495	-4.996	2.164	1950.	115.1	501.4	288.0		
RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/P0	CP(1)			
19	201.00	.00000	284.99	2.476	.1461	.3388	-3.321	-.1020	
19	202.00	.00000	522.39	4.538	.2679	.8123	-2.847	-.2853	
19	203.00	.00000	795.63	6.912	.4080	1.357	-2.302	-.5895	
19	204.00	.00000	839.43	7.292	.4305	1.445	-2.215	-.6522	
19	205.00	.00000	777.38	6.753	.3986	1.321	-2.339	-.5647	

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-01. TOTAL PRESS RAKE

TOTAL PRESS. RAKE

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(RG1P09)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSF A	P PSF A	Q PSF	TO DEG. R
19	2.495	.1397-01	X10 6 2.163	1950.	115.1	501.3	288.1

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSF A	P1/P0	CP(1)	CP(SI)	CPI/SI
19	201.00	.00000	287.59	2.499	.1475	.3441	-3.316
19	202.00	.00000	506.63	4.402	.2598	.7610	-2.879
19	203.00	.00000	762.98	6.629	.3913	1.292	-2.367
19	204.00	.00000	836.40	7.257	.4290	1.439	-2.221
19	205.00	.00000	791.37	6.876	.4059	1.349	-2.311

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-01, TOTAL PRESS RAKE

TOTAL PRESS. RAKE

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P PSFA	Q PSF	T ₀ DEG R
19	2.495	4.993	2.164	1950.	115.1	501.5	288.0

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P ₁ /P	C _P (1)	C _P (SI)	C _P (SI)
19	201.00	.00000	283.27	2.461	.1452	.3353	-3.324
19	202.00	.00000	493.64	4.288	.2531	.7548	-.1009
19	203.00	.00000	743.30	6.456	.3811	1.253	-.2598
19	204.00	.00000	812.32	7.056	.4165	1.390	-.5204
19	205.00	.00000	764.19	6.638	.3918	1.294	-.6126
							-.5472
							-2.365

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(RG1P09)

PARAMETRIC DATA

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII, MODEL 84-01, TOTAL PRESS RAKE

TOTAL PRESS. RAKE

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(RGIP09)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	PO PSFA	P PSFA	Q PSF	T ₀ DEG R
18	2.989	4.979	1.982	2456.	67.95	425.0	240.5

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(I) PSFA	P ₁ /P	P ₁ /PO	CP(I)	CP(SI)	CP(SI)
18	201.00	.00000	172.69	2.542	.7030-01	.2465	-5.372	-.4590-01
18	202.00	.00000	329.68	4.852	.1343	.6159	-5.002	-.1231
18	203.00	.00000	498.49	7.336	.2030	.013	-4.605	-.2200
18	204.00	.00000	570.67	8.398	.2324	.183	-4.435	-.2667
18	205.00	.00000	563.44	8.292	.2294	.1166	-4.452	-.2619

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-01. TOTAL PRESS RAKE

TOTAL PRESS. RAKE

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	TO DEG R
18	2.989	.1597-01	X10 6 1.981	2452.	67.85	424.3	240.2

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/PO	CPI(I)	CP(SI)	CPI/SI
18	201.00	.00000	180.90	2.666	.7380-01	.2664	-5.352	-.4980-01
18	202.00	.00000	339.08	4.993	.1383	.6392	-4.979	-.1284
18	203.00	.00000	514.38	7.582	.2098	1.052	-4.566	-.2305
18	204.00	.00000	604.23	8.906	.2464	1.264	-4.354	-.2903
18	205.00	.00000	606.48	8.939	.2474	1.269	-4.349	-.2919

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DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-0T, TOTAL PRESS RAKE
TOTAL PRESS. RAKE

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(RGIP09)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	TO DEG R
18	2.989	-4.976	X10 6 1.981	2452.	67.87	424.5	240.4

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(I) PSFA	P1/P	P1/P0	CP(I)	CP(SI)	CP(SI)
18	201.00	.00000	181.48	2.674	.740-01	.2677	-5.350	-.5000-01
18	202.00	.00000	358.80	5.287	.1463	.6854	-4.933	-.1390
18	203.00	.00000	545.04	8.031	.2222	1.124	-4.494	-.2502
18	204.00	.00000	619.92	9.135	.2528	1.301	-4.317	-.3012
18	205.00	.00000	604.17	8.902	.2463	1.264	-4.355	-.2901

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IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-0T. TOTAL PRESS RAKE

TOTAL PRESS. RAKE

PARAMETRIC DATA

BETA = 5,000

TEST CONDITIONS

RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
X10 6 1.850	3483.	44.90	387.6	210.2

TEST DATA

RUN NUMBER	MACH	ALPHA DEG.	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CPI/SI
13	3.512	-4.970						

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CPI/SI
13	201.00	.00000	144.40	3.216	.4150-01	.2567	-8.613	-2980-01
13	202.00	.00000	299.02	6.660	.8590-01	.6556	-8.214	-7980-01
13	203.00	.00000	453.64	10.10	.1302	1.054	-7.815	-1349
13	204.00	.00000	527.85	11.76	.1516	1.246	-7.624	-1634
13	205.00	.00000	537.98	11.98	.1545	1.272	-7.598	-1674

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IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-07. TOTAL PRESS RAKE

TOTAL PRESS. RAKE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
13	3.512	.6002-02	X10 6 1.844	3477.	44.84	3877.0	210.5

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(I) PSFA	P1/P	P1/P0	CP(I)	CP(SI)	CPI/SI
13	201.00	.00000	141.68	3.160	.4070-01	.2502	-8.618	-2900-01
13	202.00	.00000	273.07	6.090	.7850-01	.5897	-8.278	-7120-01
13	203.00	.00000	43.60	9.225	.1189	.9528	-7.915	-1204
13	204.00	.00000	508.46	11.34	.1462	1.198	-7.670	-1562
13	205.00	.00000	531.26	11.85	.1528	1.257	-7.611	-1651

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII, MODEL 84-01, TOTAL PRESS RAKE

TOTAL PRESS. RAKE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	TO DEG R
13	3.512	5.006	X10 6 1.844	3480.	44.87	387.4	210.6

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(I) PSFA	P/I/P	P/I/PO	CP(I)	CP(SI)	CP1/SI
13	201.00	.00000	158.32	3.083	.3970-01	.2413	-8.627	.2800-01
13	202.00	.00000	273.99	6.106	.7870-01	.5915	-8.277	.7150-01
13	203.00	.00000	405.39	9.035	.1165	.9307	-7.937	.1173
13	204.00	.00000	481.66	10.73	.1384	.1128	-7.740	.1457
13	205.00	.00000	492.51	10.98	.1415	.1156	-7.712	.1498

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IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-T. TOTAL PRESS RAKE

TOTAL PRESS. RAKE

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PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
48	2.495	-4.943	X10 6 2.159	1950.	115.1	501.3	288.5

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CP1/SI
48	201.00	.00000	162.86	1.415	.8350-01	.9530-01	-3.564	.2670-01
48	202.00	.00000	266.14	2.312	.1365	.3013	-3.358	.8970-01
48	203.00	.00000	378.91	3.292	.1943	.5262	-3.133	.1679
48	204.00	.00000	470.04	4.084	.2411	.7080	-2.961	.2399
48	205.00	.00000	505.03	4.388	.2590	.777	-2.882	.2699

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DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-T, TOTAL PRESS RAKE

TOTAL PRESS. RAKE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	TO DEG R
48	2.494	.5697-03	2.158	1950.	115.1	501.4	288.6

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(SI)	CPI/SI
48	201.00	.00000	173.36	1.506	.8890-01	.1162	-3.543	.3280-01
48	202.00	.00000	273.24	2.374	.1401	.3154	-3.344	.9430-01
48	203.00	.00000	396.37	3.443	.2033	.5610	-3.099	-1.810
48	204.00	.00000	518.77	4.507	.2661	.8051	-2.854	.2821
48	205.00	.00000	573.61	4.983	.2942	.5145	-2.745	.3332

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IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-T, TOTAL PRESS RAKE

TOTAL PRESS. RAKE

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(RGIP13)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 ⁶	PO PSFA	P PSFA	Q PSF	TO DEG R
48	2.494	5.015	2.157	1950.	115.1	501.4	288.7

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CP1/SI
48	201.00	.00000	163.49	1.420	.8380-01	.9640-01	-3.563	.2710-01
48	202.00	.00000	276.99	2.406	.1420	.3228	-3.337	.9670-01
48	203.00	.00000	403.60	3.506	.2070	.5753	-3.084	-.1865
48	204.00	.00000	516.21	4.484	.2647	.7999	-2.659	.2797
48	205.00	.00000	565.28	4.910	.2899	.8377	-2.762	-.3251

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IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-T, TOTAL PRESS RAKE

TOTAL PRESS. RAKE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
43	2.989	5.026	X10 6 1.989	2463.	68.15	426.2	240.4

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/PO	CPI I	CP(SI)	CPI/SI
43	201.00	.00000	91.470	1.342	.3710-01	.5470-01	-5.564	-.9800-02
43	202.00	.00000	169.71	2.490	.6890-01	.2383	-5.381	-.4430-01
43	203.00	.00000	254.54	3.735	.1033	.4373	-5.182	-.8440-01
43	204.00	.00000	324.98	4.769	.1319	.6025	-5.016	-.1201
43	205.00	.00000	368.89	5.413	.1498	.0555	-4.913	-.1436

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IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-T. TOTAL PRESS RAKE

TOTAL PRESS. RAKE

BETA = -5.000

PARAMETRIC DATA

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(RGIP13)

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P PSF A	Q PSF	TO DEG R
43	2.989	.8997-02	1.984	2458.	68.02	425.4	240.4

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(I) PSF A	P/I/P	P/I/PO	CP(I)	CP(SI)	CP(I/SI)
43	201.00	.00000	103.04	1.515	.4190-01	.8230-01	-5.536	-.1490-01
43	202.00	.00000	174.72	2.569	.7110-01	.2508	-5.368	-.4670-01
43	203.00	.00000	258.30	3.798	.1051	.4473	-5.171	-.8650-01
43	204.00	.00000	338.27	4.973	.1376	.6352	-4.983	-.1275
43	205.00	.00000	381.87	5.614	.1553	.7377	-4.881	-.1511

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IHII INTEGRATED VEHICLE PRESSURE DATA

IHII. MODEL 84-T. TOTAL PRESS RAKE

TOTAL PRESS. RAKE

PAGE 2095
(RGIP13)

PARAMETRIC DATA

BETA = -5.000

•••TEST CONDITIONS•••

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
43	2.989	-4.938	1.986	2460.	68.06	425.7	240.3

•••TEST DATA•••

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CPI/SI
43	201.00	.00000	102.39	1.504	.4160-01	.8060-01	-5.538	-1460-01
43	202.00	.00000	197.40	2.900	.8020-01	.3038	-5.315	-5720-01
43	203.00	.00000	298.36	4.384	.1213	.5410	-5.078	-1065
43	204.00	.00000	362.83	5.331	.1475	.6924	-4.926	-1406
43	205.00	.00000	384.78	5.654	.1564	.740	-4.875	-1526

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IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-T. TOTAL PRESS RAKE
TOTAL PRESS. RAKE

PAGE 2096
(RGIP13)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P ₀ PSF A	P _A PSF A	Q PSF	T ₀ DEG R
42	3.512	-4.935	X10.6 1.845	3481.	44.89	387.5	210.5

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P ₁ /P	P ₁ /P ₀	CP(I)	CP(SI)	CP(SI)
42	201.00	.00000	66.030	1.471	.1900-01	.5460-01	-8.814	-.6200-02
42	202.00	.00000	138.71	3.090	.3980-01	.2421	-8.626	-.2810-01
42	203.00	.00000	218.31	4.864	.6270-01	.4476	-8.421	-.5310-01
42	204.00	.00000	273.78	6.100	.7860-01	.5907	-8.278	-.7140-01
42	205.00	.00000	294.61	6.563	.8460-01	.6445	-8.224	-.7840-01

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IH1 INTEGRATED VEHICLE PRESSURE DATA
IH1. MODEL 84-T. TOTAL PRESS RAKE

TOTAL PRESS. RAKE

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(RG/P13)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P0 PSFA	P PSFA	Q PSF	T0 DEG R
42	3.512	.6188-02	1.841	3480.	44.87	387.4	210.8

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(SI)	CPI/SI
42	201.00	.00000	64.650	1.441	.1860-01	.5100-01	-8.816	-.5800-02
42	202.00	.00000	118.17	2.633	.3400-01	.1892	-8.678	-.2180-01
42	203.00	.00000	174.19	3.882	.5010-01	.3338	-8.533	-.3910-01
42	204.00	.00000	231.99	5.170	.6670-01	.4830	-8.384	-.5760-01
42	205.00	.00000	268.21	5.977	.7710-01	.5765	-8.291	-.6950-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-T, TOTAL PRESS RAKE

TOTAL PRESS. RAKE

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(RGIP13)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
42	3.512	5.023	1.838	3479.	44.87	387.3	211.1

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CP/S1
42	201.00	.00000	61.260	1.365	.1760-01	.4230-01	-8.824	-.4800-02
42	202.00	.00000	119.33	2.659	.3430-01	.1922	-8.674	-.2220-01
42	203.00	.00000	178.05	3.968	.5120-01	.3438	-8.523	-.4030-01
42	204.00	.00000	231.70	5.164	.6660-01	.4924	-8.384	-.5750-01
42	205.00	.00000	267.66	5.965	.7690-01	.5752	-8.291	-.6940-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-T. TOTAL PRESS RAKE

TOTAL PRESS. RAKE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	TO DEG R
47	2.495	5.043	X10 ⁶ 2.166	1952.	115.2	501.9	288.0

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CPI/SI
47	201.00	.00000	216.27	1.377	.1108	.2014	-3.458	-.5820-01
47	202.00	.00000	380.52	3.303	.1949	.5286	-3.131	-.1688
47	203.00	.00000	567.44	4.925	.2907	.9011	-2.759	-.3266
47	204.00	.00000	675.46	5.863	.3460	1.116	-2.543	-.4389
47	205.00	.00000	685.60	5.951	.3512	1.137	-2.523	-.4504

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IH1 INTEGRATED VEHICLE PRESSURE DATA
IH1. MODEL 84-T. TOTAL PRESS RAKE
TOTAL PRESS. RAKE

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(RCIPI4)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	TO DEG R
47	2.495	-4.943	X10.6 2.159	1950.	115.1	501.4	288.5

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(S1)	CPI/S1
47	201.00	.00000	233.63	2.030	.1198	.2264	-3.423	-.6900-01
47	202.00	.00000	414.08	3.597	.2123	.5962	-3.063	-.1946
47	203.00	.00000	574.76	4.993	.2947	.9167	-2.743	-.3342
47	204.00	.00000	636.81	5.532	.3266	1.040	-2.619	-.3973
47	205.00	.00000	653.94	5.680	.3353	1.075	-2.585	-.4157

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IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-T. TOTAL PRESS RAKE

TOTAL PRESS. RAKE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	P0 PSFA	P PSFA	Q PSF	TO DEG R
44	2.989	-4.938	1.986	2457.	67.97	425.2	240.1

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(I) PSFA	P(I)/P	P(I)/PO	CP(I)	CP(SI)	CP(I/SI)
44	201.00	.000000	129.31	1.902	.5260-01	1443	-5.475	-.2640-01
44	202.00	.000000	247.54	3.642	.1008	4224	-5.196	-.8130-01
44	203.00	.000000	347.29	5.109	.1414	6570	-4.962	-.1324
44	204.00	.000000	422.44	6.215	.1719	8337	-4.785	-.1742
44	205.00	.000000	461.19	6.785	.1877	5248	-4.694	-.1970

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(RGIP14)

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IHII INTEGRATED VEHICLE PRESSURE DATA
IHII, MODEL 84-T. TOTAL PRESS RAKE

TOTAL PRESS. RAKE

BETA = .0000

PARAMETRIC DATA

*** TEST CONDITIONS ***						
RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P _{SF A}	Q PSF TO DEG R
44	2.989	.3379-02	1.987	2455.	67.91	.424.8 240.0

*** TEST DATA ***						
RUN NUMBER	TAP NO	DUMMY	P ₁₁ PSF A	P ₁ /P	CP(1)	CP(SI)
44	201.00	.00000	132.66	1.953	.5400-01	.1524
44	202.00	.00000	240.94	3.548	.9820-01	.4073
44	203.00	.00000	359.67	5.296	.1465	.6868
44	204.00	.00000	458.30	6.748	.1867	.9190
44	205.00	.00000	495.06	7.289	.2017	.1.006

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(RGIP14)

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IHI I INTEGRATED VEHICLE PRESSURE DATA

IHI I, MODEL 84-T, TOTAL PRESS RAKE

TOTAL PRESS. RAKE

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(RGIP14)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P PSF A	Q PSF	R DEG R
44	2.989	5.026	1.986	2457.	67.98	425.2	240.2

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(I) PSF A	P ₁ /P	P ₁ /P ₀	CP(I)	CP(SI)	CP1/SI
44	201.00	.00000	136.15	2.003	.5540-01	.1603	-5.458	-.2940-01
44	202.00	.00000	253.79	3.734	.1033	.4370	-5.182	-.8430-01
44	203.00	.00000	380.93	5.604	.1550	.7361	-.4.882	-.1508
44	204.00	.00000	467.05	6.871	.1901	.9386	-.4.680	-.2006
44	205.00	.00000	500.02	7.356	.2035	1.016	-.4.602	-.2208

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IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-T. TOTAL PRESS RAKE

TOTAL PRESS. RAKE

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(RGIP14)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P PSFA	Q PSF	TO DEG R
41	3.512	5.040	1.859	3483.	44.88	387.6	209.4

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P ₁ /P	P ₁ /P ₀	CP(1)	CP(SI)	CP(SI)
41	201.00	.00000	91.110	2.030	.2620-01	1193	-8.753	-.1360-01
41	202.00	.00000	179.47	3.999	.5150-01	3473	-8.525	-.4070-01
41	203.00	.00000	271.45	6.048	.7790-01	5846	-8.288	-.7050-01
41	204.00	.00000	343.49	7.653	.9860-01	7705	-8.102	-.9510-01
41	205.00	.00000	378.95	8.443	.1088	1620	-8.010	-.1076

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IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-T. TOTAL PRESS RAKE

TOTAL PRESS. RAKE

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT FT	P0 PSFA	P PSFA	Q PSF	T0 DEG R
41	3.512	.1462-01	X10.6 1.852	3480.	44.86	387.3	209.9

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(S1)	CPI/S1
41	201.00	.00000	92.040	2.052	.2640-01	.1218	-8.748	-.1390-01
41	202.00	.00000	172.38	3.843	.4950-01	.3292	-8.541	-.3850-01
41	203.00	.00000	257.88	5.748	.7410-01	.5500	-8.320	-.6610-01
41	204.00	.00000	333.97	7.445	.9600-01	.7464	-8.124	-.9190-01
41	205.00	.00000	369.60	8.239	.1062	.E384	-8.032	-.1044

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IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-T. TOTAL PRESS RAKE
TOTAL PRESS. RAKE

PAGE 2106
(RGIP14)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	T0 DEG R
41	3.512	-4.935	X10.6 1.848	3480.	44.86	387.3	210.2

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(I) PSFA	P/I/P	P/I/PO	CP(I)	CP(SI)	CPI/SI
41	201.00	.00000	89.570	1.997	.2570-01	.1155	-8.754	-.1320-01
41	202.00	.00000	175.75	3.918	.5050-01	.3380	-8.531	-.3960-01
41	203.00	.00000	259.59	5.787	.7460-01	.5545	-8.315	-.6670-01
41	204.00	.00000	324.86	7.242	.9340-01	.7230	-8.146	-.8880-01
41	205.00	.00000	358.62	7.994	.1031	.E102	-8.059	-.1005

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IHII INTEGRATED VEHICLE PRESSURE DATA
IHII, MODEL 84-T. TOTAL PRESS RAKE

TOTAL PRESS. RAKE

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(RGIP15)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P ₀ PSF A	P ₀ PSF	T ₀ DEG R
46	2.494	-4.949	X10 6 2.157	1946.	114.9	500.4 288.3

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P ₁ /P	P ₁ /P ₀	CP(1)	CP(SI)	CPI/SI
46	201.00	.00000	282.80	2.462	.1453	.3356	-3.324	-.1010
46	202.00	.00000	522.07	4.544	.2683	.8138	-2.846	-.2860
46	203.00	.00000	768.66	6.691	.3950	1.307	-2.353	-.5553
46	204.00	.00000	816.27	7.105	.4195	1.402	-2.258	-.6209
46	205.00	.00000	770.91	6.711	.3962	1.311	-2.348	-.5583

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IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-T, TOTAL PRESS RAKE

TOTAL PRESS. RAKE

BETA = 5.000

PARAMETRIC DATA

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(RG/P 5)

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSFA	P PSFA	Q PSF	TO DEG R
46	2.495	.8997-02	2.166	1952.	115.2	501.8	288.0

TEST CONDITIONS

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CP1/SI
46	201.00	.00000	283.08	2.457	.1450	.3345	-3.325	-.1006
46	202.00	.00000	501.01	4.349	.2567	.7698	-2.891	-.2660
46	203.00	.00000	755.92	6.562	.3873	1.277	-2.383	-.5358
46	204.00	.00000	826.18	7.172	.4233	1.417	-2.243	-.6317
46	205.00	.00000	777.23	6.747	.3982	1.319	-2.340	-.5637

TEST DATA

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IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-T. TOTAL PRESS RAKE

TOTAL PRESS. RAKE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁻⁶	P ₀ PSFA	P PSFA	Q PSF	T ₀ DEG R
46	2.495	5.040	2.167	1952.	115.2	501.9	288.0

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P ₁ /P ₀	CP(1)	CP(S1)	CP(S1)
46	201.00	.00000	275.69	2.393	.1412	.3198	-3.340
46	202.00	.00000	501.82	4.355	.2571	.7703	-2.889
46	203.00	.00000	735.43	6.383	.3768	1.235	-2.424
46	204.00	.00000	790.15	6.858	.4048	1.345	-2.315
46	205.00	.00000	747.64	6.489	.3830	1.260	-2.400

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IHII INTEGRATED VEHICLE PRESSURE DATA
IHII, MODEL 84-T, TOTAL PRESS RAKE

TOTAL PRESS. RAKE

PAGE 2110
(RG/P15)

PARAMETRIC DATA

BETA = 5.000

•••TEST CONDITIONS•••

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	P0 PSFA	P PSFA	Q PSF	TO DEG R
46	2.495	.2585-01	2.166	1953.	115.3	502.2	288.1

•••TEST DATA•••

RUN NUMBER	TAP NO	DUMMY	P(I) PSFA	P(I)/P	P(I)/PO	CP(I)	CP(SI)	CP(I)/SI
46	201.00	.00000	219.98	1.908	.1126	.2085	-3.451	-.6040-01
46	202.00	.00000	373.49	3.240	.1912	.5141	-3.146	-.1634
46	203.00	.00000	557.06	4.832	.2852	.8797	-2.780	-.3164
46	204.00	.00000	689.50	5.981	.3530	1.143	-2.516	-.4544
46	205.00	.00000	707.35	6.135	.3621	1.179	-2.481	-.4752

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IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-T, TOTAL PRESS RAKE

TOTAL PRESS. RAKE

PAGE 2111
(RGIP15)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	PO PSFA	P PSFA	Q PSF	TO DEG R
45	2.989	5.023	1.986	2456.	67.94	425.0	240.1

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CP(SI)
45	201.00	.00000	177.00	2.605	.7210-01	.2566	-5.362	-.4790-01
45	202.00	.00000	338.51	4.982	.1378	.6367	-4.982	-.1278
45	203.00	.00000	507.98	7.477	.2069	1.035	-4.583	-.2259
45	204.00	.00000	583.31	8.585	.2375	1.213	-4.406	-.2752
45	205.00	.00000	573.99	8.448	.2337	1.191	-4.428	-.2689

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DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-1, TOTAL PRESS RAKE

TOTAL PRESS. RAKE

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P ₀ PSFA	P ₀ PSFA	DEG R
45	2.989	.1742-01	X10 6 1.985	2454.	67.91	424.7 240.1

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P ₁ (1) PSFA	P ₁ /P	P ₁ /P ₀	CP(1)	CP(S1)	CP(1/S1)
45	201.00	.000000	177.18	2.609	.7220-01	.2573	-5.361	-.4800-01
45	202.00	.000000	333.69	4.914	.1360	.6257	-4.993	-.1253
45	203.00	.000000	511.57	7.533	.2084	1.044	-4.574	-.2284
45	204.00	.000000	606.98	8.938	.2473	1.269	-4.349	-.2918
45	205.00	.000000	610.44	8.989	.2487	1.277	-4.341	-.2942

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII, MODEL 84-T, TOTAL PRESS RAKE

TOTAL PRESS. RAKE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P0 PSFA	P PSFA	Q PSF	TO DEG R
45	2.989	-4.952	X10 6 1.987	2456.	67.94	425.0	240.0

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CPI/SI
45	201.00	.00000	177.99	2.620	.7250-01	.2590	-.360	-.4830-01
45	202.00	.00000	352.86	5.194	.1437	.6705	-.948	-.1355
45	203.00	.00000	528.85	7.784	.2154	1.085	-.534	-.2392
45	204.00	.00000	606.71	8.930	.2471	1.268	-.351	-.2914
45	205.00	.00000	597.63	8.796	.2434	1.246	-.372	-.2851

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII, MODEL 84-T, TOTAL PRESS RAKE

TOTAL PRESS. RAKE

BETA = 5.000

PARAMETRIC DATA

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	P ₀ PSF A	P ₀ PSF A	Q PSF	T ₀ DEG R
40	3.513	-4.949	1.886	3481.	44.79	387.0	207.0

TEST CONDITIONS

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P ₁ /P	P ₁ /P ₀	CPI(1)	CPI(S1)	CPI/S1
40	201.00	.00000	141.60	3.162	.4070-01	.2502	-8.629	-.2900-01
40	202.00	.00000	293.43	6.552	.8430-01	.6425	-8.237	-.7800-01
40	203.00	.00000	440.43	9.834	.1265	1.022	-7.857	-.1301
40	204.00	.00000	516.06	11.52	.1483	1.218	-7.662	-.1590
40	205.00	.00000	528.39	11.80	.1518	1.250	-7.630	-.1638

TEST DATA

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IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-T. TOTAL PRESS RAKE

TOTAL PRESS. RAKE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	P0 PSFA	P PSFA	Q PSF	T0 DEG R
40	3.512	.6168-02	1.864	3481.	44.85	387.3	208.9

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(I) PSFA	P/I/P	P/I/P0	CP(I)	CP(SI)	CP(SI)
40	201.00	.00000	134.44	2.998	.3860-01	.2313	-8.642	-.2680-01
40	202.00	.00000	262.34	5.850	.7540-01	.5616	-8.312	-.6760-01
40	203.00	.00000	393.05	8.764	.1129	.8991	-7.975	-.1127
40	204.00	.00000	487.04	10.86	.1399	1.142	-7.732	-.1477
40	205.00	.00000	513.15	11.44	.1474	1.209	-7.664	-.1578

DATE 01 OCT 80

IHII INTEGRATED VEHICLE PRESSURE DATA
IHII. MODEL 84-T. TOTAL PRESS RAKE

TOTAL PRESS. RAKE

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PARAMETRIC DATA

BETA = 5.000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	P ₀ PSFA	P PSFA	Q PSF	TO DEG R
40	3.512	5.040	X10.6 1.859	3483.	44.88	387.5	209.4

TEST DATA

RUN NUMBER	TAP NO	DUMMY	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CP(SI)
40	201.00	.00000	131.84	2.938	.3790-01	.2244	-8.648	-.2590-01
40	202.00	.00000	258.38	5.757	.7420-01	.5509	-8.721	-.6620-01
40	203.00	.00000	387.24	8.629	.1112	.8835	-7.969	-.1106
40	204.00	.00000	465.74	10.38	.1337	1.086	-7.786	-.1395
40	205.00	.00000	478.43	10.66	.1374	1.119	-7.753	-.1443

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